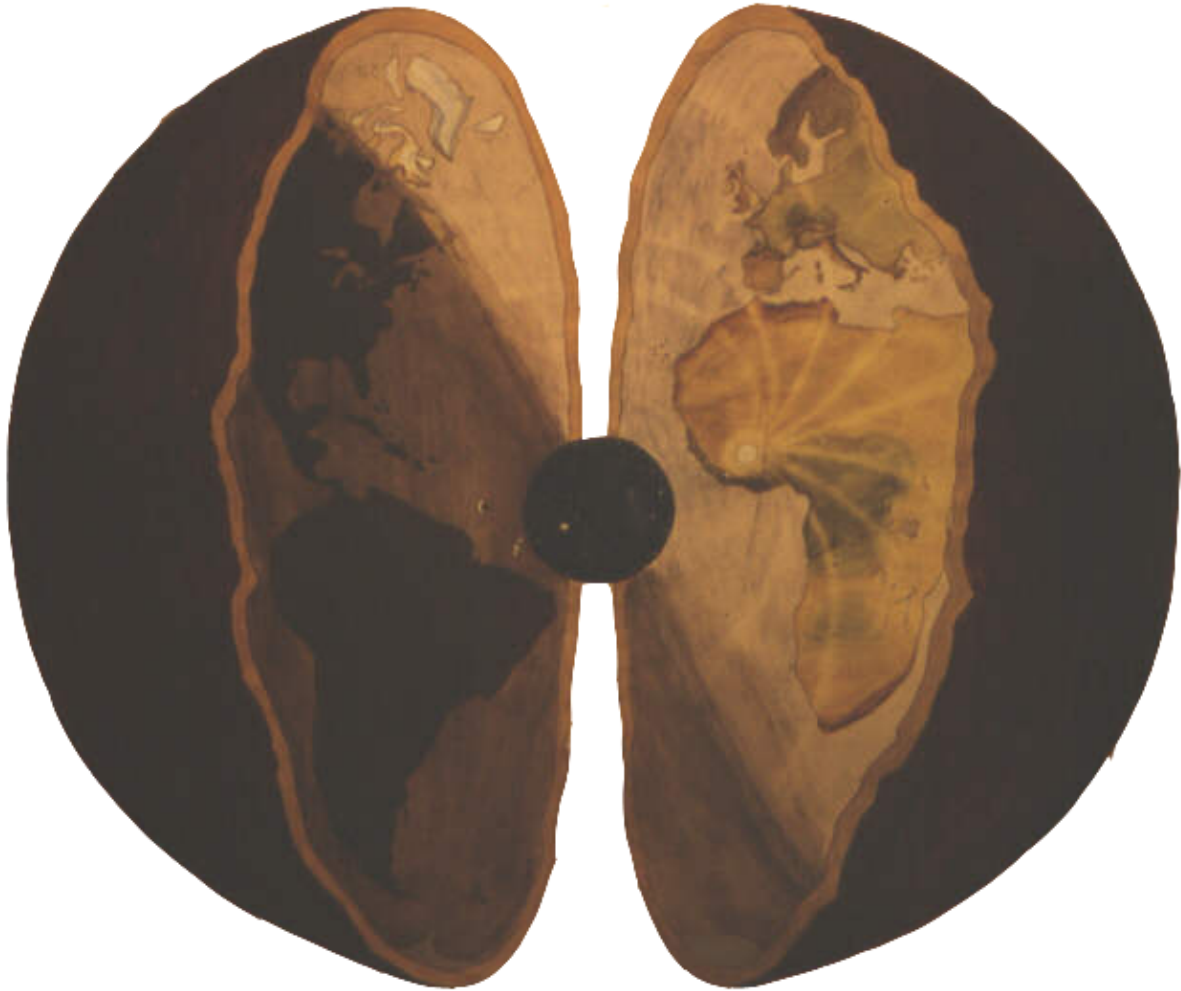


# **The inner world of the cosmos**



**Cover sheet back**  
**Table of CONTENTS**  
**FOREWORD .....**

**..... 4**

Dear  
Reader, .....

**..... 4**

**THE HOLISTIC PICTURE OF THE WORLD -**  
**HEAVEN AND**  
**EARTH..... 5**

Model and  
reality .....

|  |           |
|--|-----------|
| .....  | 8         |
| What in 1897 by measuring researched but not taken note of was.....  | 9         |
| The various image models in the history of mankind in their historical sequence.....                           | 11        |
| representation of the shape, motion and function in the world image models .....                               | 13        |
| Our Solar System .....   | 23        |
| The sizes of the galaxy Chen Alls.....   | 24        |
| How can a little clarity in the heavenly Chaos bring?.....   | 24        |
| the end of The scientific Zeit alters.....   | 28        |
| the question of The right Welt Bild.....   | 30        |
| The modern notion of space astrophysics .....  | 32        |
| The reality and the mathematical Beschreibung.....   | 32        |
| Programmed to scientific progress without the ethical commitment to the expiration of the human society ?..... | 35        |
| Why did you even in ancient times, the biological model of the cosmos discarded? .....                         | 36        |
| <b>GEODESY - THE SCIENCE OF THE STUDY OF THE ERDGESTALT .....</b>  | <b>37</b> |
| How can you determine exactly where on earth   |           |

is?..... 40

And how do you measure the angles of the triangles?  
..... 43

with such a precision theodolite in the sense of Curvature of the surface of the earth to measure?..... 43

measurement experiments ..... 45

Optical Illusions ..... 45

conclusion and implications ..... 46

from the problems Of geodetic instrumentation..... 46

degree measurements as Evidence for the concave curvature of the earth's surface..... 47

thoughts on the Optik..... 48

The horizon is a circle as the optical Basis of the celestial sphere..... 48

As it is formed of the horizon?  
..... 49

Geometry and the morrow messung..... 50

Professor Sexl and his students at the University of  
Vienna..... 51

## **DIE H O L W E L T T H E O R I E**

**S**.....  
.... **52**

The magic of the hollow world (today: innen Welt  
Kosmos)..... 52

The Dualistic View Of The World  
Model ..... 58

The Curved space metric of the inner world  
I..... 60

The Law Of  
Inertia..... 60

The metric of the  
space ..... 62

The aether sea and its  
properties ..... 64

inertia of matter and gravity as the effect of the aether  
sea ..... 68

Heavy and  
Gravitation..... 71

These previously described 3-times the identity is the important basis of  
the inner world of theory ..... 73

## **P L A N E T E N B A H N E**

**N** .....

..... **80**

The planetary system in the Copernican betrachtung

Weise.....

80

The Curved space metric of the inner world

II .....

..... 81

what is the expiry of the planetary motion in the inner world-

System? ..... 82

The bipolarity of the cosmos to the inner world-

theory .....

. 85

control of the forces of

Kosmos.....

..... 85

**THE LOSS OF REALITY AND THE DIVINE**

**CENTER..... 87**

**ON THE METHODOLOGY OF THE THEORETICAL**

**PHYSICS ..... 93**

Lecture by Professor Albert

Einstein .....

..... 93

The fictional character of Newton's

System.....

..... 94

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4

**The inner world of the cosmos**

Helmut Diehl

**Foreword**

My special thanks to my sponsor, friend, and teacher, cosmologists,

mathematicians, researchers, and  
writer John Long (\* 09.06.1899 in Frankfurt Oberrad, gest. 23.02.1967 in  
Offenbach/M) and all those  
great scholars, to whom I share my Knowledge and progression in the  
independent Think owe.  
In Particular, this is "Socrates", the motto of my life owe: "I know that I  
will (actually) nothing to  
know," so that I know you thirsty remained., the Latin Poet Lucretius, \*  
55 BC, with his didactic poem, in which he is the  
picture of the world of the Greek. Philosopher Epicurus \* Samos, 341, +  
Athens in 271 BC, and of Democritus \* 460 BC, + 371,  
founded Atomistik is. I also thank Prof. Dr. Röth for what I have with him  
about the mythology and the  
world of ideas of ancient Egypt learned.

With great respect I intend Nicolaus Copernicus (1473-1543), Tycho  
Brahe (1546-1601) Johannes Kepler  
(1571-1630), Galileo Galilei (1564-1642) and the great Isaac Newton  
(1643, + 1727), engl. Physicist and mathematician. Similarly,  
Prof. Albert Einstein, \* 1879 in Ulm, +, 1955 in Princeton, N. y. United  
States, for its refreshingly clear statements of problems of  
Theoretical physics, the mathematics and the reality of life.  
My special thanks are due to the two pioneers, Dr. Cyrus R. Teed, and  
Professor U. G. Morrow, also a Professor Roman  
Sexl, Institute for Theoretical physics of the University of  
Vienna. (deceased)

## **Dear Reader,**

this manuscript was only a matter of scientifically shown to be, because I  
managed to be a Professor of  
physics, to find the picture of the world of the inner cosmos, the sky  
centric astronomical System, mathematically  
supported, and with the help of the theory of relativity as irrefutably  
showed.

The first step to success achieve to be able to, was a physics student to  
find that the

world-picture idea "heaven and earth" impartially examined, and in the study of acquired Knowledge began. His first Work as a physicist on this subject were to be a success, because of around the same age-mate, now a Professor at the Physics Institute of the University of Vienna, this idea of the alternative view of the world, apprehension, and his students presented this System to refute, but did not succeed. Meanwhile, the physicist brown put his fundamental work "The inner world" theory before, the quality of the great masters of physics and astronomy is, because it succeeds so, the Knowledge of the great masters on a new base to increase by large steps forward to the realization of a bio-cosmic reality possible. It was a great honour for me and especially a profit, together with two of the most talented and knowledgeable physicists, the scientific basis for the inner world-the theory of securing to help, and here, in a book published can.

Helmut I. Diehl

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5

## **The inner world of the cosmos**

### **The Holistic picture of the world - heaven and earth**

This book is intended to the problems of scientific research and imagination in terms of Form, function, and the apparent sense of the cosmos (universe) present. It is weighty issues that are still unresolved and are, identify and , if possible, from the new point of view and the new knowledge of the biological understanding of the World to answer.

It should lead to a holistic Understanding of the cosmos, as he is the Model of the mathematical and physical computational model is that the Copernican



model of computation over Kepler, Galilei, and Newton was developed and on the other hand, from the biological model of the cosmos, as he is due to the Surface curvature measurement by Dr. Cirrus R. Teed, and Prof. U. G. Morrow is a concave (hollow corrugated) earth's surface is demonstrated, and the sphere of the fixed as a fixed star in the sky of ball re-discovered.

Both models, even as the earth sphere with the stars in the infinite outside world, and secondly as a ErdHohlkugel with the fixed star in the sky ball in the middle of the inner space through a mathematical Transformation on the deepest connected and none of them is with the help of mathematics rebuttable. Both are absolutely equivalent, as Professor Dr. Roman Sexl, Institute of Physics of the University of Vienna, together with his students, determined. (See the remarks of Prof. Sexl.)

### **Figure No. 1**

shows the Transformation of the straight beams of light to the outside world in the curved beams of light in the interior world according to the measured angles of the incident rays. Geodetic measurements with the help of the light, neither outside world can prove rays are still on inside the world. The human eye is capable of only the last piece of the incident light beam on the retina to see, and the Information-processing brain can, therefore, only the seen object in the direction of the incident light pulse point.

That's why people than small children to touch the Seen and you are way to learn how to understand. This is also true for the adult human, if he objects in the distance and never touch or see at close range you can, because then he can optical illusions succumb and a reliable assessment of the distance and the size of the object is not possible.

This book is intended to mean understandable and yet conscientiously be;

because, in addition to the popular science presentations to the scientific notes of the scientists will be given. It is stimulating to Think about for the layman and the scientist, the outside of his immediate work area is not better informed than the layman. It is to the science, because of occasional Misinterpretations not to attack, but the target will, a true, to the natural reality corresponding model of the cosmos, you really need the sobriety of the fact ranking, in front of all of the measurements that are in the foreground. Where this is ignored, it must be in the interest of finding the truth, however, is a distinct language spoken. For new thoughts and ideas there is always a psychological barriers, which are often not easily overcome; for, every human being defended only once in his Thinking and belief system, which he in the course of his life, purchased and prepared and enabled him to his life of his ideas and thoughts to design. This should no one be taken, because of this spiritual treasure is the source for thoughts, impulses, and finally to action. Would it be so that the reader of this document new perspectives of a spiritual Shop open, the compensate for previously cherished, to be corrected by the end of ideas new wonderful views can be gained and an enrichment of the intellectual point of view, be done. At any time of human history have interested people are asked what our world looks like, where we live, what is the shape and size of the universe (the cosmos or the universe) has, how it works, where it comes from or how it was created, and finally, where it leads and what is the point.

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6

All religions in their Scriptures often already on the first pages of answers to these questions for the

believers, the Bible.

Since the so-called modern times, but wanted many people to know, and contented themselves not only with what is your view of the world of the faith according to the Bible, said. Thus, the Knowledge of mankind in the last four hundred years, the areas of mathematics, physics, Mechanics, etc. constantly, so that a theoretical calculation model of the cosmos developed was that from the observation of the cosmos, so the natural reality, was developed. It describes the cosmos in its quantitative relationships obviously correct.

A correct quantitative detection of the cosmic reality, is the a side of the Required, a correct qualitative detection and interpretation of the cosmos is the other much heavier side, which is about the biological, cellular hollow sphere model of the cosmos possible.

Since the biological hollow ball model to the conclusion that the cosmos is not a machine is that

a coincidence, but a biological Entity, not only that life has brought, but even a

large creature must be, what the Form as a large-scale cell indicates, the result is very interesting aspects and issues in

a Creator God, an Arm and sustainer of this universe is. Anyone who does research and respond to the resulting

Questions to the branches of science, mathematics, physics, Mechanics, optics, and logic, the

branches of science biology, morphology, theology, and many more; because only with the help of the whole of

science is the great cohesive Whole to explain and understand. Only in this way can the people

orientation, as well as the answer to all their questions according to their origin, continuance, future, goal, and the

The meaning of life and death; for the scientific research and findings, as well as religious Tradition, and ethics

belong closely together. Anyone who separates both, hampered not only

the orientation, but also promotes the risk of error. Since the Knowledge of humanity and the experience of constantly increasing and due to the storage and Transmission by means of modern media at any time and for any is available, solve many problems, the lack of Information or Knowledge previously unsolvable rails. So far, seemingly incompatible theories are now considered to be the only different sides or viewpoints of the same problem.

Meaning and purpose of this manuscript is to show that, for example, the mathematical-physical description of the cosmos, as the Copernican, Heliocentric world model, not the biological model of the cosmos as a large-cell (hollow ball-inside world), or as in ancient times called, "W e l t e i" than incorrectly exclude, but rather that both models the mathematics of Transformation are intimately connected. They are not mutually exclusive opposites, but complementary as a dualistic models of the cosmos, and lead to a better understanding of the cosmic reality.

While the model of the cosmos as a mathematical-physical description it is well known, but not in the way that it is just a calculation model of the cosmos is missing the other important half of the display, namely, the biological model of the cosmos.

Only a few people, the biological description of the cosmos is not really known, because it is not taught. You apply in the case of the educated group of people, as far as this at all to deal with, even as false and refuted. Unfortunately, lacking those, the kind of thinking and claim the expertise, as a Professor Sexl proves that it is necessary to recognize that here is a regrettable mistake is present. He began in those times of antiquity, as to the physiology of vision and the resulting optical illusions to little knew. It was believed that the horizon

and the Kimm of the sea as evidence to be allowed, that the earth is a solid ball is.

Today there are such Misconceptions by the science branch of optics refuted, but read in the corresponding Chapter for more about that.

The vision of the human eye has its limits, the probably knows everyone, but what is the

scientific classification of images from the star space means and how images of the earth from heights of up to 200

kilometers, or from the moon to interpret, that the layman does not know, and a layman, is here anyone in the

science branch of optics are not thoroughly familiar with.

So is the sense of sight, as the people most important sense, and how, over the course of the treatise is shown, the System of

propagation of light is the cause of this, that man with the help of his eyes, not the clear view that he

feels. That just makes it impossible for man to recognize the cosmic reality with his eyes. He

needed all of his senses, and especially of all of his spiritual qualities, such as judgment, Intuition, feeling for the connection of the Individual with the Whole, and love of truth.

Since both of the world models through its mathematical relationship to a "Dual model" of the cosmos merge,

is it possible, the mathematical and the biological reality of the cosmos to distinguish and better to recognize.

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7

You are correct Transformation together to holistically (Hollis tables) image of the cosmos interwoven, a

model of the reality, in my opinion, as a publisher, and my co-authors for sure better matches.

This is the important message of this Scripture in addition to the representation of the biological model of the cosmos. May this mathematical-biological Look from the cosmos, rewarding work and a

source of new insights to be.

Frankfurt/Main, 11.November 1995 - Estero / Fort Meyers, Florida, USA  
2001

Helmut I. Diehl

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8

## **Model and reality**

W. Brown, A Physicist

In the history of mankind there has been a lot of pictures of the world. A picture of the world is the product of the effort of two needs of the researchers ask people in mind to satisfy:

1. Objective observation of the facts with the help of concepts to interpret the human Experience

are taken. A picture of the world is to explain the phenomena of nature.

2. The diversity of natural phenomena in a grading System, which allows, by causal links,

to predict the Future and the Unknown to make.

A picture of the world is always influenced and determined by the width or Narrowness of the range of Experience and of the mental horizon of a culture.

The Babylonian world view is now rejected as false. For the needs of that humanity, it was

entirely appropriate and should, in this sense, as the right referred to. Seen in this way, was also the astronomical

System of Ptolemy, with the earth at the center of an inner world. It provided excellent services in the

prediction of planet stands and eclipses. It holds up to the criteria of modern science.

Why it is referred to today as wrong? Our current Kopernika table -

Kepler - Newton's view of the world corresponds

very well to the needs of the present, to the desire, in the space go to. It is, therefore,

generally fully accepted. No one thinks that this picture of the world even as wrong can be explained, because it

is not in a position to more in-depth questions to answer to. Certainly, it is a very useful System to the great thinkers of humanity for many centuries have worked. Its inner unity is a fascinating one, and it can give answers to virtually any question in the causal field of human thought. Also its practical Use in many of the things no one will deny. But it is silent in the face of the great God, the Creator, his throne and his goal of humanity in the cosmos, to ask for the origin of life and what we are as

Essential for the Biological recognize: G e i s t u n d S e e l e.

Our current scientific model of a character is Thinking. A model for the scientists to help them, through which it is possible to certain questions to answer and some of the statements to get. Match them with the observation of the reality, So the model is good and is as usable accepted. So, the

Copernican table Newtonian System of the present-day astronomy an excellent model of computation, at least in the area of the Heliocentric planetary system, with the help of a very useful and accurate research results can be achieved.

**But a model, it is still so useful and proven, must never be confused with reality are, by themselves, for reality, is held as the calculation model of the Copernicus - Kepler - Newton of the case.**

**This is, unfortunately, a fatal error, in front of the Albert Einstein warned. This fatal error**

**is, unfortunately, not only today's astronomy expire.**

**Therefore, the modern astronomy, however, the allegation is made, in the course of their successes**

**gradually forgotten calculation model and reality apart to hold.**

It has very serious, not anticipated impact on all areas of human Existence, especially in the

scientific, philosophical, religious, and thus the field of ethics, if the human spirit in a tragic way, here fails, if he forgets that his Thinking as a model, and that the reality is not conceived, but only researched, identified, Geoff beard and looked to be.

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9

## **What are explored in 1897 by measurement but was not noted.**

In 1897, was in Naples, Florida, USA, by Dr. R. Cirrus Teed and Professor U. G. Morrow of the curvature of the sense of the surface of the earth is measured to determine whether the surface of the earth full round (convex) or hollow (concave) is curved.

With this measurement, it has been done for the first time in human history, to determine the shape of the earth.

That the earth is a ball, was, by the end of the Earth system by vessels clearly proven whether this

Earth but to a full ball, or a hollow spherical body on which internal surface of the earth the human

life and the earth, in a sense, an inner world-the cosmos is, was, at least in the last two Thousand years has not

been studied. (The physicist W. brown from the English translated and edited measurement can be found as

Appendix at the end of the book.)

For the measure of responsible scholars took the appearance of the horizon or the Kimm of the sea as

obvious evidence for the spherical shape of the earth. This is true for the scientists, with very few exceptions

, even today, only you have to their great relief, a further fallacy found:

The photography of

Earth from the moon or from space. Again, against my better Knowledge of the

science branch of optics that which is Seen passed, as a fact accepted, exactly as in the case of the just-watched



the horizon and the Kimm of the sea. Read about this in the Chapter on space flight and photography of the earth, which facts exist, and how a correct interpretation of looks.

The measurement of Professor U. G. Morrow, in the order of the Koreshan Unity, and its Director, Dr. C. R. Teed carried out was found publicly instead.

The measurement turned out to be the body of the earth as a hollow sphere with inner cosmos. It was in the book, "The Cellular Cosmogony" of the two authors, Dr. C. R. Teed, and U. G. Morrow published and caused a Sensation in the press.

Unfortunately, interested astronomers for the observed facts; for measurements on the surface of the earth belong not to their area of expertise. That's why they took this measure, if at all, only negative note; after all, what could be, could also not be possible. So criticized those this measurement to be inaccurate or even impossible, and neither have been ready goods, the invitation to the measurement-to-follow, yet sufficient knowledge about measurement techniques had.

Is this behavior the reader not known?

It was not so similar to the famous Italian naturalist Galileo Galilei, as he other scientists invited

with a view through the telescope to convince them that the planet Jupiter's moons orbiting that the phases of Venus shows, like the moon, and that this an uneven surface? Those who all denied what Galileo through his self-ge-sautes telescope saw, refused through the telescope to see it. They are believed to know it better. The former doctrine of the Church knew of such a "devilish" devices such as telescopes and the scholars didn't think you would behave, as Galileo was then, as he for the astronomical System of Copernicus began. Galilei was in contradiction to the prevailing doctrine of the beliefs of the great Greek philosopher

Aristotle was marked.

This example shows the denial of recognition of facts, for psychological reasons, as it always

seemed, and today occurs. Only when a Professor has given his consent to, and something of value

is considered, it is of the disciplined low-Ranking included and discussed. This behavior is in some sense a

practical and reasonable only in the case of fundamentally New is, you can as a result, the progress stopped.

If a thing is good and right is represented, she finds, ultimately, albeit hesitantly, to her due recognition.

See Galileo's battle for the recognition of his knowledge, and after him many other up in our time.

Morrow's measurement was no recognition of the established science of representatives and his, and Dr. Teed's book, "The Cellular Cosmogony" disappeared without a trace from the libraries. A librarian, the learned, could not believe it and

looked for this book in all the libraries of the world and found a copy of "The Cellular Cosmogony" in which the

measurement of the earth's surface is documented in the Congress library in

Washington, D.C., USA. A second copy, but without the important measurement, was

London is registered. No one is surprised. familiar with the operation of the General science. The high Ideals

dominated science there are probably sometimes, but also, not infrequently, unfair fights. Finally,

it guards, and ideological, political, and religious stakeholders, certain ideas to try, just

as it is today in the ideological struggle of the policy is commonplace. It is typical human, and why you should about

Human particularly upset? So it is, so you have to learn to follow still his goal persistently.

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Perhaps it is the non-independent and non-researchers, nothing else is possible, as the confidence to believe in what he's instructive says, or the scholars, the outside of his knowledge area also did not know that at this point argue that in General, however, reliant on the confidence as a right to take what you learn. Indeed, how is it different, but because the whole of life is a learning process and we all once the school or the University must leave, we will start from the life to learning, and no Professor standing next to us, and we to give his opinion about whether this or that is true and correct. The necessary decisions are then left to itself, and that is a good thing, because otherwise we are just puppets of which would be, for us to think, and in order for us all to decide. So we must learn to facts to questions and learn to use this correctly assess and classify. Who does not practice this in a process of learning, again and again, never learning, independent, and creative thinking. It is once in a while is necessary, our faith and system of thought to check it occasionally to declutter, when facts hitherto cherished illusions in the kitchen. In this Situation, it is many a reader of this font, and the question of whether the measurement morrow's acknowledges and suffer the consequences of it, and his faith - and System of thinking in new ways, or whether it is with a variety of excuses to the Dodge. The remains, of course, each of the self and the consequences of it. There are consequences if it remains indifferent or facts ignored? Sure, both of which prevented the knowledge of the truth and who is the truth, the reality is that the reality of Being not found. He will never grow up and be independent, he will not know what is right and he is in times of crisis, have no answers to solve his life's problems.

If, as here, to such basic issues as whether the universe is a machine, or not even that, because the machine works according to the laws of nature and requires technical perfection, but if the Universa of the universe are presented as the only chemical and physical processes in the empty space of infinity messy drain and that occasionally, by forces of the gravitational Gasmaterie to stars balled is, then again, then ask yourself the questions the meaning of life, according to the origin and future, and according to the aim of the Whole.

The answers you receive, or yourself out there, to decide on the meaning of life; because a man acts according to his thoughts. This is messy, so Do messy. Are you organized, and positive, are his actions accordingly, and reflect his belief resist.

The world of Copernicus was obviously still very much in order. In his astronomical System, there was a dominant center. That was the energy of the sun, its gravity, the solar system is held together, and it was a limitation of this inner world through a fixed star shell. Behind the star sphere is still a God could dwell.

As this star of the sphere farther and farther away, moved and finally, as a space empty with highly diluted gases dissolved in the chemical processes of becoming and decay, they found no more room for God.

Now, there was no "Top" and "Bottom" and more. The Creator God was not needed for the explanation of the universe. God was in the French Revolution, the Great is called, quite simply abolished, and the reason on God's throne collected. The consequences are out of the story. It began in the minds of the ruling authorities and the mutual distrust with subsequent murder of the fellow human beings. The Copernican Idyll of a closed inner world is the past and there is no

longer, even if they are still in the minds of many people of their happiness is alive. What is today due to the astrophysics as the universe depicted is a desolate atomization and separation of the people; because what the inside of a man by his thoughts of forms, which holds man to be true and the reality so that it guiding principles of his action form.

Many people have the same belief, the same guiding principles, the so-called Zeitgeist. As we know, from experience, this is the thoughts and Actions of the majority of people.

Therefore, the correct understanding of what is really is, so important; because the realized truth or the false interpretation of reality is us, people, to destiny. That is why it is so important that we seriously need the reality to recognize and correctly interpret. Misinterpretations lead to ideologies and misunderstandings, then to hostilities and to civil wars, or Wars with the neighboring States. In both cases, this is culture, destructive and mean the death of many people. But it is also a cultural revolution, with the decline of ethical values, as in the Christian Occident generally binding, is a disaster. What about the youth that it is today in the year 2001 years experienced, such as the ethical minimal human behavior, summarized in the Ten Commandments, contempt? The cause of the 1968 started the cultural revolution, the spiritual has been triggered, the achievements of space travel, humanity, and obviously deeply impressed? The first Russian Astronaut Gagarin said proud and arrogant on the TV in front of the world. "I was at the top, there is no heaven." He thought of the sky as God's "throne seat". No one contradicted him, because he was a Hero, the man forgave, because he was the first man, of up to an altitude of about

200 kilometers, with a rocket penetrated was.

Today, the building in 200 to 500 kilometres height space stations.

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11

However, it was the landing of American astronauts on the moon, a real Sensation in the Thinking of many people changed; because the moon was until then a celestial body had been. With the Raising of the American flag on the moon's surface came to the possession of this so far, as a celestial body designated companion to the earth the same. The normal citizens, the "little man" was, in his Faith in God confused and lost in the course of the many moon landings, what is it with Christians, and the fear of God is called. But where there is no fear of God is, the ethical standards are not met. They will expire with the glow in the knowledge that there is no God, and where there is no sky anymore. The Call for preservation or for the renewal of Christian ethics is under such conditions in vain, because what is to renew? A lost Faith, that's why lost was because of the Christian view of the world of faith destroyed was, can only be restored if those destructive influences can be detected, and the people to the right, with the reality of matching the image of God, the cosmos provides. As will be shown, is to the right, with the facts and measurements of the matching model of the cosmos, the Dualistic view of the world, formed from the computational model, the Copernican System was developed, and the biological reality show at the end of a model of an earth-hollow spherical shell with the celestial sphere in the centre and the planets including sun and moon, to the main body, the sky or firmament on your special lanes to circumnavigate. The mathematical analyses of the orbits of these celestial bodies, this is the Model with the measurement data in the correct Match. (For details, see "astrometry

in the sky-centric world model")

The entirety of this dualistic world view shows people the reality that they have lost, namely, in the centre of the cosmos are the heavenly bodies, the firmament, which for centuries has lost the divine center.

God is detected again, all the mistakes, and a renewal of Christianity is possible if God is

spiritually looked in the height and in the middle. In this middle, then sits not more symbolic of the

power-hungry Antichrist, to the throne of God two Thousand years had settled, as it is to the

world a model of Ptolemy thought was. It is also no sun in the middle of the cosmos, or a fictional

spiral nebula in billions of light-years away. This speculation is due to the measurement morrow's and other evidence

and facts, in this paper set out to be disproved. Of course, it is very hard for many people to fall cherished

notions to check and correct them, but if the facts compel it to many succeed, especially

the simple people of the world-image of faith, due to the misinterpretation of space travel had given up,

because. he got in his Glaubensnot no help from competent side. From the in the service of the churches of the

scientists or managers. These are the dualistic view of the world, in all probability not

on the first page of the Bible shown model of the cosmos recognize. They had to Galileo Galilei failed, and

should this time a little wiser, and even search for the truth, and searching the Scriptures, whether it so behave.

Of the enemies of God and the enemies of the servant Church is nothing else except a rejection anyway to expect.

**The various image models in the history of mankind in their historical sequence**

All of the world models, which were developed in the course of the history of mankind, show a basic pattern:  
The basic shape of an egg. A shell defining a sealed interior that is what the shell or limitation together the cosmos or universe is called. According to the Structure in the center of this cosmos or universe is, the picture of the world to his name. For example, Geocentric worldview (ge, Greece. = Ground), because the earth in the center. or Heliocentric view of the world (helio, griech.= sun), because the sun in the center. In the oldest of us, by the ancient Egyptians and. the Bible significance of the world is the celestial sphere, or firmament, called, in the centre. In the German language would be of this world image of the heavenly-centric view of the world to call. Since the sky in Greek Uranos is, could this world picture also uranozentrisches of the world to call. This term, however, is occupied by the name of the planet Uranus. So we chose for the English language, the term "Celestro Centric System.  
Today, the Astro-physics represented of the world probably has to be the center of our Galaxy. So you could it as a "galaxi-centric model" refer to  
Very interesting is, that the oldest known picture of the world, the centre than in the sky situated indicates the state of the art, the galaxi-centric view of the world to be a center somewhere in the stars suspected, so also in the sky found to have believed. I'm sure both of the ideas a center of something else, but you are still in the same place arrived. This is just a coincidence or a result of the accuracy, the developed intuitive?

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12

In addition to the mentioned four basic models of two World views, because of their importance mentioned



must be: It is the representation of the world as a disc, surrounded by the ocean and vaulted from the Firmament. Certainly like it a lot of people have given up on the viewed surface of the earth to the horizon, with such a

**Fig. 2.1-4**

World look pleased gifts, but not the astronomers in Babylon. These were extraordinary accuracy and are well aware of the fact to have been that your trigonometric Structure, horizon, circle, Meridian, and optical vault of heaven, a mathematical framework was, with the aid of the observations and accurate measurements of the celestial bodies were possible. They made it so even today, when measuring with a precision clock procedure, when the days of a circle of a celestial body in time and arc degrees, arc minutes and arc seconds is measured.

This mathematical object as a Babylonian world model to be described, is not justified, but originated from the same lack of understanding and don't know how, even today, in the Bible it clearly but briefly described model of the cosmos, misinterpreted is. Who is the basic model in

**Figure .11**

does not know, I have a hard time with the correct interpretation.

The Danish astronomer Tycho de Brahe, was a diligent and successful observer of the sun, moon and planets, the observation material Kepler, who learned from him, for his theoretical representations could use. He rejected the Heliocentric worldview of Copernicus, and remained in the Geocentric view of the world changed but the System of planetary orbits. (See

**Figure 2.3**

)

So the world is still in the end to call the image of the faith. It is also used as a Theo-centric view of the world, because according to this idea of God's throne high up in the Innermost, in the

centre of the world. This world-image of faith, identical with

### **Fig.1.1**

was General intellectual Deposit of faith of the Christians to the world of space travel. Since 1968

, for example, made many Christians, this world-image of the faith. You, the believers and theologians, were in their

Belief in a heaven as the throne-seat of God, by the heliocentrism model already irritated and had

this Belief as the statement of the first Russian astronaut in the world press was published:

"I was at the top, there is no heaven". Certainly, this flight is a pioneer of performance, but Gagarin had been a manned

rocket shot into the top of the Finding of the earth with a height of 50 to possibly 100 km with lucky landing

survived. As the US-NASA's your moon landings and the Public through television, remember

to participate was by images of the moon, and an optically small earth in the distance showed, as seemed to be the picture of the world model

of Copernicus, so far as the mathematical model was finally proved to be. The optical phenomena have not been studied scientifically, but you

believed what you saw and like to believe

wanted to, that there is no heaven and no God.

Only a few believers, God said not so fast. they appealed to the Bible and the words of Jesus Christ. They suspected

or knew what the man with his eyes, the interpretation needs, particularly scientific. The

but missed the scientist of the optics and mathematics, and left by the technical Be intoxicated

people in your apparent belief that what the man sees and it is still so far away, a picture of reality

was.

The official representative of the Church, its theologians, and scientists were silent, because it is in your state of knowledge, the

seemingly smartest was. You could be another Time in the Bible, traditional or revealed the image of the heavens and the earth "from the hands".

The statements of the Bible based picture of the cosmos is the ancient Egyptian sky-centric view of the world model the same.

Presentation of the basic models

1. The sky-centric view of the world (celestial English, heaven(s)) (heaven in the center)

The world-image of faith, or Theo-centric world model (identical to 1)

2. The Geocentric view of the world, (geo. gr. ge earth) (earth in the center)

3. The world image of Tyche Brahe. (geocentric)

4. The Heliocentric view of the world (helio, from Greek. Sun) (sun in the center)

5. The galaxi-centric view of the world (from the Greek. Gala = Milk, Galaxy = Milky Way. (The center of the universe in the milky way)

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13

Our solar system belongs to this world-image of the star system of the milky way.

6. The picture of the world model as a disc or the Babylonian world view.

## **Representation of the shape, motion and function in the world image models**

### **1. The sky-centric view of the world ( engl. Celestro Centric System)**

In celestro-centric view of the world (English: sky-centric view of the world) is located in the center of the firmament or

celestial sphere. She turns in 1436,068 327 640 769 minutes to the 360 degrees of the earth, while the space

final, and enclosing shell of the earth immovable, fixed, or firmly established. The interior of this Earth

(the inner world-the cosmos) or large-cell organism called, is pervaded by a fine substance, the Aether was called. He

lapped like a sea, and permeates everything we know. Therefore, the total

mass of the Aether and aether sea called. Because of the Fine Ether officially in science on the basis of the Michelson – Morley experiment was abolished, the sky-centric model for the world, but to those fine-material substance to the explanation of many phenomena not do without can, he was as aether sea introduced. This aether sea, as a force field in a structured, rotates  $360^\circ$  around on its axis in 1436,0 minutes

This Rotation is in circulation-drive movement called and causes the days of the circles of the planets, day and night, the years and the other orbital periods. See the necessary explanations under the title of "The primal force field".

On the surface of the earth, the air (atmosphere) and in the highly diluted gas are located.

In this inner world acting in circulation-upload box filled with his vibrations not only the interior, but also permeates the a minimum of 50 to 100 km thick shell of the earth, and acts on the outer surface and in the outer space, corresponding to the leakage of energy.

Also, the gravity, a property of the mass and, presumably, the current drive strength field must also outside of work. Experiments on the moon in the sky-centric view of the world, like all the planets and the sun, a hollow body with content is, have shown this.

From practical experience we know nothing about the space outside of the shell of the earth.

Of course, you may think about whether maybe the outside in the room for more earth hollow shells float or concerns. How many, infinitely many, or few, great or small, and how great is this outdoor space? He is infinitely large, so can the number of Formations similar to the earth will also be infinite, and so on and so on.

You may think so, but to what limit? Is there even a limit? Very quickly you

something to imagine and fantasize , of which you know nothing can and will build in your mind a world on.

This is exactly how one philosophizes with a substance-less math. You think an extensionless point and an infinite expansion of the universe. What is this Nothing? Certainly, it can result in no organic creature of the heavens and the earth arise. There is a need of what a Creator is called, the files, size sets, qualities, associates, sense and content.

The moon is in an estimated height of about 3000 km altitude to the surface of the earth is closest to you. Why is its orbit to the largest. It is estimated that it has a diameter of about 200 km. Although it is possible for the moon flights had had this with the help of the miles counter on moon car to determine trust you with the simple mechanical device, unfortunately, is not that the distances would have to measure, and you explained it during the lunar flights for defect. But maybe you can at some point, the exact values but still know. What you see today is from the NASA can learn, right is not in line with what the astronauts during the moon's tours said. (Read: The moon in the inner world, practical experience on the moon.)

In the sky-centric model of the universe, the sun is a Planet. Their size can only be estimated, and might with the help of the moon is approximately equal to be. The sun is presumed to be at a height of 4000 km. Measurements with the help of the light beam in the sky-centric model of the universe is curved, are not possible because of the curvature of Light and the speed of light so far, experimentally determined exactly could be. Such experiments could not be performed because of the light, depending on the density of the space, different curves and different soon the room is going through. See the latest experiments with respect to the speed of light and the propagation of light)

The scientists were content .until now, with the earth's surface, measured the speed of light is 300 000

km per second and the assumption that the beam of light, when he is not distracted, a mathematical straight. You

know a lot of distractions, but from internal reasons, to the Axiom of linearity of the light to hold,

otherwise, the head of the Observatory in Bochum, Mr. Herrmann, would the world model of a Heliocentric system, like a house of cards to fall.

This is logical and understandable, because the way to the Heliocentric System of the straight beam of light and heard the constant speed of light, so is part of the System of heaven-centric view of the world, of different

curved beam of light and the varying speed of light. Both are dependent on the density of the room. Is

this not homogeneous, may be light not in a straight line from spreading, but is curved.

The space-filling and all-pervading aether sea (formerly known as Ether, or sometimes, electron sea) is the

carrier of electromagnetic oscillations. The aether sea (electron sea) causes on the basis of its structure and

movements of different Densities in the room, and this, in turn, causes, according to the laws and principles according to which a

compaction is carried out in the sky centric astronomical System presented of the propagation of light similar to the electromagnetic field.

Whether the term electron sea, or aether sea, maintained, and will in the future decide; for on

this field of particle physics research is in full swing, and if secured results have been received and correctly

interpreted, can be, it can be necessary, that new words are formed must.

The planet swimming in a sense, in the aether sea (electron sea), by the

electromagnetic vibrations  
excited and different compressed.

The aether sea (electron sea), it is presumed, is similar to an electromagnetic force field is designed, rotates once in 1436 minutes to its opposite, the North –South axis of the shell of the earth by 23 1/2 degrees inclined axis . This force field, causing not only the circulation drive movement, but also those phenomena, such as light, heat, magnetism and the circulation of movement of all celestial bodies, including the moon and the celestial sphere.

The order of the heavenly bodies in the inner cosmos show the moon as the closest approach to the earth of the heavenly bodies, and thus he has the longest and largest railway to pass through. In order to be the astrometric measurement data from the moon to the note for the accuracy of the inner world of the cosmos. (See the astrometry in the inner world), the next celestial body follows the sun, the planets mercury and Venus orbiting is. Mercury orbits the sun on a smaller track, and is of the sun closer than Venus.

Then follow their orbits of the planets Mars, Jupiter, Saturn, Uranus, Neptune and Pluto, the smallest of the train has passed.

What in the 1.2 to 1.4 sketched models as the sphere of the fixed represented here in the sky-centric model of the universe astronomy-sky ball, so the rediscovered sky as the largest celestial body. This circles on their orbits, all planets, the sun and the moon. This fixed star celestial body is not fixed, but rotates around its axis in 1436,068 327 640 769 minutes, and the 360 degrees of the earth, without a movement on their own, and firmly established

The size of the celestial sphere is geometrically non-measurable or predictable as previous computational experiments showed. The found results to low levels, which, compared with the biological models

of nature,  
not votes. Reason for this is the assumption of exact circles of the light beam curve in the interior of the cosmos. Try with the help of the morphology (design customer) the diameter of the celestial sphere, the sun and the moon to explore (because to be calculated so far was not Possible), so could the adoption of voices, that of the fixed stars in the sky the body of a diameter of about 1000 km. By contrast, in the case of the sun and the moon, with a diameter of approximately 200 km to imagine. There are so wise mathematician, with the real data, obtained from the trips to the moon, cars, decent sizes can be measured. These vehicles was created in the year 2002 for a discussion. There was this Momdauto really? Where was it carried was. The country ferry, it was not to be seen. Are then published to shoot a film with the one or a plurality of the moon cars during the Exercises in the desert aufgommen been? NASA should misdeclaration of images or movies, which, as always in the Public eye came as a Fäschungen were detected, out of circulation, because can you seriously claim that the moon flights not taken place would have. Unfortunately, fits to this Dilemma, that at the first ride with the moon car has no information about the travelled distances were made, because, supposedly, the miles, or odometer defect was. On the other hand, no one can demand that the NASA all completely released, what they used to Sacrifice people and money has explored. Finally, could the astronauts under penalty of nothing in Public, and what you gesehem or experienced, without it explicitly from the NASA genehmigt had been. You can read the report on the flights

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15

to the moon with the wiretap the conversations of the Astronaten.



The diameter of the celestial sphere of 1000 km, so the 10. Part of the earth's diameter is, perhaps, right, because he is with the forms of nature, sizes and relatively fit.

A cell structure of the created cosmos, consisting of the large cell Erdhohlkugel with sky-hollow ball shows identical characteristics in comparison with the biological cell; for this world model is a biological model and, therefore, is to expect that all of the body, the sun, moon, and planets, large cells in this Biocosm are.

On the propagation of light, the formation of day and night, the seasons, the phases of the moon, and eclipses in the corresponding Chapter. Here is the representation of the Fundamental of the models.

Summary: The Erdköper, consisting of a Cosmic space-enclosing a hollow shell of about 50 – 100 km thick. What's on the outside, no one knows. The core of this large cell is formed on the celestial sphere. This rotates on its axis and orbits of the planets, the sun and the moon.

Particularly striking is that the moon rotates the largest railway and the sun, the second largest. Both celestial bodies have in addition to the main effect of the fixed-star-sky ball, special functions. The moon with its perigee, and the assumed height above the earth's surface of about 3000 km erdbezogen. He causes along with the sun high and low tide and the High - and low-pressure vortices of air masses. Both the sun and the moon together create the climate (seasons) and the weather. The effect of the moon on the creatures and their rhythm of life is sufficiently by the naturalist demonstrated.

The sun, with its proximity to the planet and the celestial sphere, has an extremely important function due to its location and function in the so-called zodiac, the energy compaction in the electro-magnetic force field is. The sun is the transformer to this energy, mainly as heat and light in appearance.

This sky-centric view of the world is the oldest Tradition from the history

of mankind. It was not only in the ancient Chinese culture and the Hindu culture is taught, but also in ancient Egypt, Greece, and in the case of the Nordic peoples, as in the case of primitive peoples, their World views, never to be mathematically and technically were, but mainly biologically justified were.

The Evidence:

From all branches of science are evidence, evidence, logical, and philosophical, theological and, above all, from the comparative analysis of the nature, especially biology before, so that's similar to a mosaic image of truth and reality, this idea of the World is secured. In addition, the theoretical physics with mathematical evidence to the Transformation of the outer world into the inner world: a harmonious combination of sky-centric world model to a holistic world model.

Experience with us authors in the following illustrations the adventure of how seemingly opposite ways of thinking to a more Holistic view of the cosmos to be.

But we now turn to the second presenting a Model of the cosmos. Developed by the Greek philosophers of the ancient world, the us, the scientists Claudius Ptolemy handed down.

## **2. The Geocentric model of the universe, or the Ptolemaic view of the world**

The Geocentric model of the universe also has the basic shape of an egg or a cell. A hollow spherical shell (sphere) with stars on the inner surface of a place-bound, so this sphere of the fixed surrounds this hollow ball-room, in the center of the Earth motionless resting. This firmly established the earth rotates the sphere of the fixed and the moon, the sun and the planets according to the measured daily circles. A daily circle means the circumnavigation of the observer to 360 degrees. It is measured in hours, minutes and seconds. The days to circle the sun to the earth is

exactly 1440 minutes. This is the time for the sun to go through the 360 degrees of the daily circle requires, as a basic dimension of 24 hours, set. For each degree of the circle of the sun takes 4 minutes. 360 degrees 4 minutes = 1440 minutes.

According to this Geocentric model of the universe orbits the moon on its orbit, which is the smallest, next to the sky twill in an exact circle and the dormant earth, Then follow circular orbits of mercury, Venus, the sun, the Mars, the Jupiter, the Saturn, and finally the sphere of the fixed.

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16

This Geocentric view of the world was the misunderstood and modified successor of the heaven-centric view of the world.

As later shown, and today, after deciphering of the Egyptian hieroglyphs, it is clear, kept you in

Egypt, the sky-centric view of the world for religious purposes, and the practical life at, but required a mathematical model for the calculation of the sun, moon, and planets stands. This mathematical model of the

Geocentric view of the world, has more than two thousand years of good service done to it, finally, the raised requirements on

accuracy is no longer enough. It failed, particularly because of the exact circular orbits of the sun, moon, and

planets, not wanted, although it was recognized that in order for the temporary decline of the planet more easily

and logically explained, could be and that you can hold onto it wanted the heavenly bodies in transparent crystal spheres of staple goods.

As a result of a perceived irregularity in the motion in its orbit describes the mercury loop on the

celestial sphere. But all the other planets, to describe a similar, smaller or larger bows on the celestial sphere

, and seem sometimes even standing. Today, we know that the optical phenomena.

Mercury and Venus to remove never a certain degree of the sun. The so-called upper planets Mars, Jupiter and Saturn, and show this peculiarity is not. You can remove up to 180 degrees of the sun.

To solve all these problems mathematically, sought to generations of scientists of antiquity. Particularly successful in this regard was the geographer, star researcher and mathematician Claudius Ptolemy, a Greek, in the 2.

Century in Alexandria (Egypt) lived.

All of these inequalities in the course of the orbits of the planets trying to solve Ptolemy, with the help of the Epyzikeln theory. The picture of the world of Ptolemy, it was a purely geometric Structure and survived that's why all the crises and the decline of the famous school of Alexandria, as a result of political and religious turmoil, fell into disrepair.

Finally, the question still remains: What was beyond the height of the sphere of the fixed? There was the heaven of the believer and of the throne of God. A divine center, it was not here. The center occupied the earth with the people. For God was only the height and the infinity of the outer space.

What are the consequences in terms of the religious, philosophical and scientific ideas, had this image of the world?

For the philosophers, and scientists, this meant the loss of the divine center. The habitat of the people was that (in the imagination) expanded considerably: and God was considered to be "shown the door". He was out there, probably still in the height, but somewhere, and since he had his world once set in motion had and they went away, needed God only occasionally, as a substitute. So it is needed a representative of God on earth.

It was with divine honor-appointed God-kings, so-called the sons of God,

the God-supposedly as his Deputy have been used goods. This Tradition continued up to the present time: in the still existing king would by the grace of God, rather than by popular election, and will be justified. Especially this applies also to the vicar of Christ, the Pope of the Catholic Church. He sat as a Representative for Christ on the Throne of God in the middle of the world, the idea was that the people belonged to, and the arbitrariness with such terrible havoc was or whose quality sometimes also a blessing to be able to. But not only attended by commander-in-chief so important, even the normal person was lifted up. He began to yourself to "believe" in it, experimented with the forces of nature, plants and animals and to the people themselves, as if everything to him belong. Like a thing, he took it all apart and began with the destruction of his livelihood. First of all, mentally, by a false Religion practiced was, and a false understanding of the world through the philosophy initiated was. Later, as the Thinking to action was, also began the physical destruction of the livelihood of man and animal; for the man was to the Lord of nature has been explained. Although hovered God with his angels, still high up in the sky, but far enough away that you believed him only after the death accountable to be. The rule of the Powerful, of the Church and its allies nobility was so oppressive that mentally nothing more could move. Everything seemed to be stuck. In this Situation, the new world burst like a bomb idea of Copernicus. She was of the oppressed as a great opportunity perceived, from the ecclesiastical and secular dictatorship - free. For now sat, the powers-that-according to the new idea of the World is no longer on the fixed-added Throne of God in the middle of the world on to the rest of the earth, but the earth itself spun like a

carousel itself and was in a huge orbit around the sun thrown. After fierce clashes with Galileo Galilei, Johannes Kepler

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17

support was, won the Heliocentric model of the universe to slowly influence, but the most important astronomer of that time, Tycho de Brahe, rejected the Heliocentric model of Copernicus from.

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18

### **3. The Geocentric astronomical special model of the astronomer Tycho de Brahe**

Brahe's special findings

Brahe did not give up, however, the geocentric point of view, according to which the earth was at the centre of the planetary system. In this Tycho's System the sun and the moon is the satellite of the earth.

The moon orbits the earth. The planets mercury, Venus, Mars, Jupiter and Saturn orbit, however, is not the earth but the sun. This, in turn, the System of the planet in its orbit around the earth. The planet is thus a

composite movement: circle 1. the sun and 2. with this earth. So the planet loop concluded. These loops are from the planet, therefore, really have to go through and are not only optical phenomena, as in the Copernican System, because what is the observer of the celestial sphere is in its spatial arrangement is not apparent and leads to Misinterpretations. With this optical Problem plagued Johannes Kepler around, as he is for his employer, Tycho de Brahe, the orbit of the planet Mars and investigate, because the spatial view of the person without any technical support stops at around 100 m distance. Knew the Kepler, that on the celestial sphere image seen nothing spatially recognize? Optical glasses in the Form of a primitive telescope were just invented, and Galilei invited Kepler, in the sky, with its recreated

binoculars to look at, But Kepler could this invitation. He was probably in this respect, just as inexperienced as many stargazers today that a three-dimensional Look fancy, but because of the distances is not possible. (See the treatise on the See and the optical appearance of the himmelsp ear. Tyche de Brahe found, to his time, that mercury and Venus orbit the sun, and the sun orbited the earth, what with the unknown sky-centric view of the world is consistent, but not with the at the time, just passing through Heliocentric System. This is the reason that these successful Danish astronomer like to forget, even though Kepler most astronomical observational data of Tycho de Brahe owes.

**The Heliocentric world model, or the Copernican view of the world,**  
The Heliocentric model of the universe, as Copernicus was also the basic form of a so-called Welteies or a cell. A hollow spherical shell (sphere), at the inner surface of the star festival, encloses, as a sphere of the fixed to the interior of the hollow sphere. The sphere of the fixed rest, rotates, or moves. In the centre of this world - interior of the stationary sun. The sun, the planets and the earth to exact circular orbits. The moon model is in this world, a companion of the earth. So clearly, this model is shown here, not just like it was for Copernicus. He was from the Teachings of the ancient Greek philosopher Aristotle to solve what for him is a huge risk meant, because Aristotle's philosophical doctrine was the doctrine of the Catholic Church in many belief statements are identical. Sure, this was a reason why Copernicus as long hesitated, his work available to the Public to pass. According to the legend, Copernicus, on the day of his death, on his deathbed, his work "De Revolutionibus Orbium coelestium Libri VI" 1642 in the

hands got it blessed.

Some unexpected Problem made him Worry, and he feared the misunderstandings of those who don't understand him and understand that he, with the help of the Geometry of the world mathematically represented.

The previously inviolable two axioms of the eminent Greek philosopher Aristotle, which no one over 1000 years, doubts had, because of all the scholars, for, obviously, as held true were, he had to critically review, and one of them immediately fall, namely, that the earth is in the center of the universe located. The second Axiom he had provisionally apply the planets in the celestial room, just a perfectly harmonious circle as a planet's orbit to be assigned should. He had, therefore, the unequal speed of earth in its orbit around the sun, as earlier, Ptolemy, through the adoption of an eccentric circle to explain. Where, however, the eccentric circle to the Declaration of the inequality of the speed of the planets on their orbits were not enough, he had to again, Epicycles, as a tool insert. The moon, he was forced to use an Epi-Epicycles. Despite the problems encountered, and the first of the Copernicus successor, the brilliant astronomer and mathematician Johannes Kepler have been solved by the railway ellipse introduced, has Copernicus to the establishment of the Heliocentric view of the world system in the spirit of man, a new, a wonderfully simple and symmetrical

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19

the mathematical model presented in the course of the centuries, to a remarkable computational model through a lot of brilliant scientists has been developed.

Copernicus himself said : "there is no other arrangement, I have a such a wonderful symmetry of the universe, and a harmonious connection of the cars can find it, as by the world light of the



sun as a driver for the whole family,  
a circle of stars in the middle of the high temple of nature, as it were, on a  
Royal throne sat. Who could  
also probably in all of nature, for the sun a better place to find than the  
one where the Whole enlighten can."

Each new observation, each new discovery was also at the same time a  
confirmation of the correct mathematical function of the  
system, but not the truth itself; for truth, and mathematics have nothing in  
the way to do that

math is about human or divine truths could prove.

Evidence in the sense of exact measurements today, in the year of 2001, is  
still not for the Copernican  
astronomical System. What is offered is a well-crafted calculation model  
so far in human  
history, unprecedented high quality.

At the beginning of his main work, he has to be, therefore the sentence is  
written: **“For non-geometric no-entry“**, which  
can only mean that the newly edited astronomical System, a mathematical  
System is, and only to  
a better calculation of the solar - lunar and planetary tables, but not for  
philosophical and religious  
speculation, but what later occurred.

Up to this point, the representation of the Heliocentric astronomical  
Systems is the mathematical Transformation of the  
Heliocentric system in the sky centric astronomical System. Facts and  
theoretical explanations

are still to scientific Thinking, logical conclusions, and the life  
experiences through observations  
obtained. What then follows is against the wisdom of the great Greek  
philosopher Aristotle (384 BC to 322)  
directed. He taught according to the following principles and logic to act  
and think: Only the perceptions of research,  
are sufficiently known, is more to be trusted than speculation, and these  
only, as with the experiences and

principles of nature are the same.

This is the way scientific approach left Copernicus soon to difficulties in balance.

Actual evidence for the correctness of the Heliocentric system was not able to have Copernicus. So based on the assumption for the rotation of the earth around its axis within 24 hours only on a set of probability circuits. Against its adoption by the orbit of the earth around the sun can be a number of serious objections to make.

For example; the main objection, that the fixed stars do not show an annual parallax. The claim was thus rejected, and that Copernicus believed that the fixed stars infinitely far from the earth, and thus no measurable parallax established could be. As a result, the earth was, theoretically, to a point, and the sphere of the fixed to infinity.

The recording, which Copernicus astronomical System was in the beginning, it was very cool, if not exactly unfriendly. The changed but then, as the ideologues of the Copernican astronomical System to the absolute truth, explained, and so that the foundations of the Christian faith shook. Because from now on there was for the first Time in the foreseeable past, an astronomical picture of the world, in which there is no heaven, no above and no below, in short, it gave ideological seen no room for God. He was no longer to be found and after a short time, mechanistic explanations of phenomena obviously not necessary.

The world, which, so far, a creature of God (a living being), in the ideas of the people, was now to world machine with a combustion of fossil fuels to heat and light radiating sun in the center of the world.

Thus, the tragedy of the loss of the divine center began to unfold fully. First, in theoretical science, then the philosophy and finally in the Faith. But what was in the Heliocentric model of the universe beyond the sphere

of the fixed? To the beginning, believed to be Pious, God in the height to find. But when the sphere of the fixed completely abandoned and an infinite space of the unlimited Expanse of the universe was taught, it was philosophically not conceivable from heaven as a place and a God in the Emptiness of the room to talk.

The Heliocentric model of the universe had its bounding sphere of the fixed lost and the sun was no longer in the center of the world. Everything had dissolved in speed and in the immense Vastness of infinite space.

What were the consequences of this for religion, the philosophy and the way we Think and Act?

Was God, the Creator of the cosmos in the Geocentric view of the world model from the middle of the cosmos, banished, with

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20

all of the devastating consequences, even though it was outside of the celestial sphere, nor could be, so it was this development to the God of the distance, amplified up to the extinction of the concept of God at all; for where there is no sky, there is no God. About a hundred years after Copernicus's death, was in the Events of the French Revolution, God officially abolished and the reason as the highest authority of humankind has been used, This was facilitated because, at the end of the 16. Century, philosophy and science went their own ways. It began the modern science of their own life, detached from God.

Still taught the Church in the world-image of faith, where she was able to, and the Faith of Christians was still not free from the consequences of the spiritual Events detected. But in the case of the intelligence layer of the people and of the Church, Apostates began a conversion to human self-determination and liberation from the tutelage by the Church authorities.

The moral decay had devastating consequences. Christianity split and became a part of the faithful with Luther accused the Pope as the Antichrist on the throne of God to sit. The peasants demanded liberation from the heavy taxes to the clergy or feudal lords. Your Protest and uprising was bloodily crushed. Finally, it came to the thirty years' war, 1618 - 48 with the terrible abominations of the Christians of both denominations. The old order dissolved, and it began the exploitation of nature, the animals and the people. Since the losses of the destruction of capital shortage, the money-lender, your great hour and awarded because of the great risk the money at high interest rates. The people hated, but of the princes as a fundraiser needs, began the era of capitalism. Money began to rule the world, morals and ranked behind it. The ideology of capitalism continued to Marx and Engels, the ideology of the dictatorship of the proletariat under the term Marxism to the contrary. Together with the socialists and humanists formed therefrom under the leadership of the Communist International, the Religion of the modern era. Their goal was to Empire, the establishment of the People, of a Paradise on earth without God. The consequences of these ideologies, like you hot like (the communism fighting the ideologies of fascism and national socialism) with your dictatorial, centralist, inhuman rule, claim, led instead to the prosperity of the people and of the state in economic decline, murder, war and displacement. The peoples that God, your Creator and sustainer of leaving had been a victim of the adversary of God. These were the state as a form of organization of a people, and began their reign of terror on the people. In spite of everything, flourished the business, because everything was unrestrained sold or exploited. There was hardly any moral barriers,

because the earth and the whole universe belonged to the people; for they themselves had conquered by it conceived had.

A humanity grew up had abandoned God, and the handle now to the stars. First the moon; for there is the Flag of the conquerors, which, according to ancient custom, it means that this country (the moon) this country it belongs to. The "feat" of the God-emancipated people was the possession of the moon, and the utilization of the space above the earth's surface up to about 500 km altitude, because of the launch of the rocket to the moon, and the planets.

Where will this Lead?

### **The modern picture of the world of theoretical physics and mathematics as a space with stars**

A further development of the Copernican, Kepler's, Newton's Rechenmosells

The main objection against the Heliocentric System was not put forward, was that the fixed stars in the sky background is no annual parallax showed. In astronomy is defined as parallax in the strict sense of the angle between two different observation points to a star to be directed Straight (sight lines), i.e., the angle at which the base from star appears.

In this objection, it went to the annual parallax. The base was the orbit of the earth around the sun. You have to remember that Copernicus initially, the ancestral form of the world used: An interior of the sphere of the fixed enclosed in the center of this room was the sun. The sun circled the earth in a circular orbit. The reversal of the earth around the sun would have been the star visually, the sky background to move must; because, it was argued, when the earth in its orbit around the sun moved, so it approaches certain fixed stars and away from you again. So need this fixed stars, a

similar Apparent motion

on the sky background to show how the planet, parallax shifts in their places.

The Copernicus said that the stars were infinitely far away.

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21

Thus Copernicus initiated something like that, the consequences of which he was afraid of well-being. He removed the Structure to its time sky called, the place or room in the height, where God his throne in accordance with the ideas of the faithful

people. The rejection of the Copernican world model with the sun in the middle and without the sky was

due to the priests and faithful of the Christian Church pre-programmed.

So arose in the minds of men an idea of a universe of unlimited infinity, the self -

rotating earth, when a person at the Equator lives, with over 1600 miles per Hour

around swinging, out of the earth in its orbit around the sun at a speed of around 107.000

km/h is reached, and, in addition, with the sun in the direction of the star Vega, with 70,000 km/h. It was a

vision from the universe of the frenzied movements and of infinite extent.

This idea of the World was now the new found reality? Or was it only a

new pilot project on the Basis of the

mathematics and speculation? What are the facts that operated this image of the world?

Here you need to get back on the brilliant naturalist Galileo Galilei point with his experiments and findings of

the scientific-theoretical Thinking began. It was especially his

Experiments with the free case. 1638 appeared to be

most developed work, the Prince, Machiavelli, his Textbook for theoretical physics.

Undoubtedly, it was this idea of the World on the Basis of the observation of nature built up and with the tools of mathematics

are secured, so that every intelligent man, nothing wrong with it, had, as long as the facts were known, the idea of the World had led.

But these were only assumptions, for example. that the earth due to the viewed surface of the earth, a ball must be a solid ball.

Because of this reason, with my own eyes seen the convex surface of the earth, obviously, it was this assumption as shown. As the Axiom was that the light beam is a mathematical Straight line are identical. An Axiom needs, according to General opinion, no proof, because the obvious is not necessary even. Also, the sun in the center of the Heliocentric world model to be had, together with the assertion that the earth is in a large orbit around the sun, not moving, not to be disputed; for this presentation was part of the Heliocentric System of the world.

The great progress in the field of General and theoretical physics, and celestial mechanics brought the English mathematician and physicist Isaac Newton with his celestial mechanics. He developed from the measurements and observations of the case laws and the doctrine of Gravitation. Newton's findings apply equally to the four previously shown images of the world and only need to assumptions of the straight beam and the spherical shape of the earth free held to be; for what on the basis of these added assumptions of distances, sizes, and masses calculated, is the theory that the Heliocentric view of the world, and are no facts, even if it's so Ignorant, so is.

What proof is still missing was a real measurement, and delivered, as it was believed at the time, the German astronomer Bessel, for the first time, the distance to a star in 1838 measured had.

### **How reliable these measurements was that?**

Now, he had acted according to the astronomers agreed rules. He participated in the ray of light, and a mathematical Exactly identical and calculated with the help of trigonometry and of really measured parallax, the distance from.

What was an exact measurement? Only the radius of the Globe, on the basis of the degree of measurements and the calculation of the Erdumfanges was calculated. And what then? The angle of parallax was measured. It is the angle of straight beams of light from the star, from the thought with the radius of the Earth is formed.

Prerequisite assumption of this calculation due to the Erdhalbmessers was the unproven assumption of the linearity of a beam of Light over a distance of one million times the distance of the sun is 150 million kilometers to earth. Furthermore, that the earth is a solid ball has to be, what is proved by nothing, and is only an assumption on the basis of optical phenomena.

What measurement is called, is a calculation on the Basis of several assumptions and it has only a theoretical value.

This theoretically determined value was now with the further assumptions and theories in the following ways related:

The Bessel in this way, apparently, as measured by the star seemed to be in a relatively close neighbour of the sun to be, because he's only a Million times as far away from earth as the sun.

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22

The first important step, the astronomers had done, was the theoretical knowledge that our sun, so hot and big it is, but only one of the many suns in the universe and the apparent rail. The second important step was that the astronomers will find a detailed star now with the help of this theory to



"measure" began.

The limit of this theoretical method of measurement with trigonometry was by theoretical assumptions refined, so that you can soon theoretically, thirty times as long distances particular, as in the case of the first theoretical star measurement. For even greater distance, it required certain conditions, before the distance to a star can appreciate; because more than one Estimate, under certain assumptions, it is not. Overhead clear is the case For so-called "near" distances, the direct method of estimation is applied: For medium distances, there are a second method, when used for near distances, probably the same Resultate as the first method, and it is thought that up to the limits of their usefulness results of the same accuracy. It is based on the assumption that a certain star type, whose behavior you can reasonably near-earth representatives to closely monitor could also be the same type behaves when the distance control makes it impossible. For "large" distances is, finally, a third method used, however, a certain reduction in the potential assumed accuracy brings. For the largest astronomical distances can therefore only approximate distances indicate that the validity of certain assumptions regarding the requirement. Whether this be the case, however, prove nothing. It remains a conjecture. When one hears or reads that this or that Structure, just with one of the most powerful telescopes in the world was so far away from earth, so like a fabulous number of zeros of a two-stand. This may perhaps not be right, maybe like an 1,8 Or 2.2 correct, but the number of zeros is probably pure

fantasy.

To get a rough idea of the diameter of our star system, in which our sun is,

it would be necessary to the above-calculated total (150 million times a Million) with 45 multiply. This System

includes not only the five thousand individual stars, we with the naked eye can see, but also the billions of

faint stars, some of which the clouds of the milky way form.

For this idea of the universe is the concept of the cosmos is no longer suitable, he adapted to the three shown, the inner worlds

of the sky-centric, the Geocentric and Heliocentric world model .

So here are the new terms were used. The star system to our sun, is our universe. Beyond

our universe are millions of other Universa, of which, in all probability, every single of thousands of

millions of stars covers. All together, the universe form.

As a Form of our star system, so in our universe, they realized the disc, similar to a Discus with: a

center, a North pole and the South pole.

it is not surprising that the new model of the universe and of all other Universa in space, the shape of a disc have

to?

The newly calculated distance in All (as of 1950), we are no longer able to us the distances with

the figures to imagine to be able, therefore, the following image from 1950 to help:

If you thought our star system with the thousands of millions of stars, so our universe compresses

thinks in terms of the size of a penny or Cents, according to this scale, the next universe for about two a penny in diameter,

far away. The farthest so far from the assumptions calculated in the universe of these two Universa about

six hundred penny in diameter, far away, and also this universe, is a member of a group of adjacent

Universa.

Since the year 2000 are the assumptions above about sizes and distances obsolete for a long time, because everything has, in the meantime, with incredible speed, expanded.

Who is in the vicinity of Bremen or Marburg on the so-called trails is an impressive model of thinking with the help of the theoretical physics from the All present wants, she gets the following:

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23

## **Our Solar System**

### **Size and mass**

The diameter of the sun is measured 1.392.530 km (or 109 Earths side by side, for a total of more than 1 Million earths inside of you). Your mass is the capacity of 330,000 times the mass of Earth, you makes 99.9% of the mass of the entire solar system. On all the planets, including the guard, is distributed to the Rest of 0,1 %.

Nevertheless, the sun, cosmic seen as a "yellow dwarf" is just a medium-sized star, although in half of the sun, the moon with its orbit, the place had enough. In its core fuse in every second of 464 million tons of hydrogen to 460 million tons of Helium. The resulting energy in all directions of space wasted, per hour, 380 trillion kilowatts. In the process, it loses the day about 346 billion tons of mass, but since they have a large mass, it takes within five billion years ago, only 0.03% of its mass.

### **Energy and temperature**

The surface temperature measures approx. 5.700 degrees C, in the core, it is not equal to warmer: 15 million degrees C. Our earth intercepts only 2 billionth of total solar energy. Every second generates the sun more energy than the human being since its beginnings in total, has created.

Would be a pinhead sized piece from the center of the sun found in and on

the earth, to lie down, so would this piece of the people in 150 km away from heat kill. Every second produced in the sun as much energy as 400 billion power plants on earth.

### **Life**

The age of our sun is expected to approx. 4 1/2 billion years. Thus, it has the half of the life behind. It begins at the age of 7 billion years ago to inflate, because then the pressure in the interior has become larger than the force of gravity, which from the outside to the sun rests. Soon, they reached the double the size of the earth's climate to then. In Northern Europe it comes to temperatures of 40 degrees C in the Winter. After a further three billion years ago, is it a death star, a "red giant", became the all of the middle planets (mercury and Venus) absorbed and disposed of. The main star of the constellation "Taurus", "Aldebaran", is in such a stage. He is in the Winter is visible.

### **Distances**

The sun - earth distance is 8.3 light-minutes, this is 1 astronomical unit (AE) 149.565.800 km. Would the speed of sound-fly, as needed, from the sun to earth 14 1/2 years. It rotates once in about 25 days around its own axis. Although the sun is 400 times as large as our moon appears to us in the same size on the sky sphere. This is due to the fact that they happen to also be about 400 times as far away from earth as the Trabant.

These data and assumptions are apparent from the calculations on the Basis of the following previously formulated assumptions:

1. The light propagates absolutely in a straight line and at a constant speed of 300,000 kilometers in a second.
2. The earth is a spherical, rotating around its own axis in 24 hours and orbits the sun in 365 \_ days in its orbit

with a distance from the sun of 149.565.800 kilometers. It forms a center of gravity for your planet, and moves with great speed in the direction of the constellation Hercules in the Northern sky.

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24

## **The sizes of the galaxy Chen Alls**

How to make an idea of the dimensions?

In order to get a picture of the huge distances in the cosmos, here are some vision AIDS:

1 .It is called every second is a number, so you can count in about a quarter of an hour up to 1,000. Under the same conditions, provided an 8-hour workday - you need up to 1 Million a month. In about 80 to 120 years, depending on the length-of-Day would maybe up to 1 billion. In the following Text, the term light-year is used as a measure of the distance. What is a light year? A route or distance, the light in the time of a year when one assumes that the light in one second is 300,000 km/Sec. (Three hundred thousand kilometers a second) return. How many seconds has the year? A year has some 365,242 days to 24 hours 8765,808 hours. An hour has 60 minutes and a Minute is 60 seconds (60 times 60=3600 seconds). So 8765,808 hours of the year times 3600 seconds = 31 556 908,8 seconds in a year. Because in the second the light is 300,000 km, are 31.556.908,8 seconds, with 300,000 km to multiply. The results as a range or Distanz von 9.467.072.640.000 km. ( almost 9.5 trillion. A trillion are in Germany a Million times a million) On cosmic distances transfer means this: Our galaxy (Greek galaxos = milk), generally, "milky way" is called, consists of about 100 billion stars (suns), it measures approx. of 110,000 light-years in diameter, about 16,000 light-years it is in the centre of disk. Our solar system is located

approximately 28 000 light-years from the center. The total mass of the milky way is 1.4 trillion solar masses. How many planets are in each of the suns = stars of our milky way, is still unclear. Also, whether, and in what ways to you life in some Form exists. If we could all get stars in our milky way see the day, we needed 8,000 years, until we all counted to have.

2. We go on the planet-trail, with an average pedestrian speed of 4 km/HR, so corresponds to a cosmic pace of about a Million km/sec., i.e., We rush out with more than three times the speed of light in our solar system, because the light travels in a second a way of 300,000 km (distance moon - earth = about 1.2 light-seconds).

3. Or in other words: The light encircled in a single second, our earth is approximately 7 1/2 times.

4. If we are from the planet-trail-a-glance to the nearest fixed star outside our solar system, want to risk, we need to get on a long journey taken to make. The nearest fixed star (Alpha/Proxima Centauri) would be in our model to scale 1: 1 billion reduced - 40,000 km away, in fact, about 4.3 light-years, i.e., you should earth 1 times orbiting. Already 2 times around our globe would have to go, when the star Sirius in the constellation of the "Big dog" (the brightest fixed star in the Northern hemisphere, visible in the Winter) want to see. It actually is about 9 light-years away from us.

5. Mind you, Both are the stars of our milky way, so to speak, our next-door neighbors.

### **How can a little clarity in the heavenly Chaos bring?**

All the stars, planets and moons, the one at the night sky to see, belong to our milky way, only the

"Andromeda nebula" in the constellation of Andromeda is a galaxy. He is

about 2 million light-years away and on a clear autumn or early winter nights, as a blurred spot of light with the naked eye. The Andromeda nebula grid with a speed of 1112 million km/hour in our milky way, but because of the huge distances to us, it will in the foreseeable future, no "collision" come . Galaxies of this type, there are approximately 100 billion in the universe, it is an age of about 15 to 20 billion years estimated.

As the astrophysicist so far, that is other Universa a reliable estimate could be made in a new and surprising discovery: they found that some of Universa to us to move, and some in front of us flee with an incredible speed of 40,000 km in the second.

Calculations, not the measurements of such speeds are, of course, make inferences and not on

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25

Measurements of the watch.

The attentive reader will not have escaped your notice that this galaxi centric universe an astrophysical model is developed from the elements of the mathematics and assumptions of the creative imagination.

This model of the universe flatters the human spirit, because the imagined size of the universe, he believes in the spirit to grow. It flatters him, of such sizes invented to have, and he thinks, this capture everything

can. So this one is for the self-glorification of the people, and the like. But also the other models of the cosmos showed the size of the human spirit, however, here at the glorification of the Creator.

In the galaxi-centric view of the world model, but the man has his own space-the monument with the means of the theoretical Astro-physics conceived.

To both, he is obviously at the top of the high rise and to the depths of the case.

This is the tragic size of the human spirit.

The above representations to the model of the galaxi-centric universe are, in part, the book by A. W. Haslett, taken from "Unsolved problems of science", published by Verlag Otto Lorenz, Vienna-Leipzig, 1935, the title of the English edition: Unsolved problems of Science, the encyclopedia of astronomy, Spektrum, Akademischer Verlag, Heidelberg-Berlin-Oxford 1989.

It is recommended this book by a. Frank J. Tipler, the United States, a mathematician and cosmologist: The physics of immortality. Modern Cosmology, God and the resurrection of the dead. R. Piper GmbH & CO.KG, Munich, 1994.

It is the spiritual consequences of materialistic thinking, without the Creator, God consistently shows up to end.

The following representations and thoughts are a short summary of what the mathematician and cosmologist Tipler about the shape of the universe, its origin and future thinking. The Curiosity will follow Tipler ideas.

As a Tipler was awarded a doctorate, was his specialty, the global theory of General relativity. This sub-discipline of physics allow for the mathematical speculation, and very General conclusions about the structure of space and time.

Tipler regrets that most cosmologists with the visible universe to deal with the part of the universe,

its past, people of the earth can see.( The light is here now that the past now, because so far it is away.) Since the universe, it shall be presumed, in front of about twenty billion

Years was born, and since nothing can travel faster moving than the speed of light, could we, would these assumptions correctly, the past, those galaxies will see, the now-about 20 billion light-years away. This means that we, today,



see what's in front of twenty billion years ago. What happened in between there, we don't know.

The visible universe is a ball-room, in which we find ourselves, of a diameter of twenty billion light years. It is obvious to anyone that the visible universe covered only a tiny fraction of the reality.

The universe is almost certainly another hundred billion years, but probably a lot longer exist. In other words: The part of space-time that we on earth can see is in comparison to that in the future a relatively insignificant. The origin of man is thus in the earliest Infancy of the universe. Therefore, deals Tipler With the future, because this is the future, almost the entire room and the entire time in itself. Otherwise, it is impossible to regard the universe in its entirety in time and space.

How to calculate the behavior of the universe in the future? It is believed that the processes messy to be. Thus, the development of the universe is unpredictable, because you now know that the development in all astronomical magnitudes chaotic. So in the solar system, the galaxies, in galaxy clusters, up to the entire space.

Tipler says now as a mathematician and cosmologist, that the people are as intelligent beings, fully capable of be, these instabilities to use, by you to manipulate.

In other words, to the future of the universe to calculate the activities of intelligent life in the case of any calculation of the development of the distant future, disregard. This seems to be a calculation of the future is completely impossible, because human behavior is notoriously unpredictable. The Chaos in the Einstein's equations would this Chaos will be added.

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Tipler comes to a absolutely nothing to beweisendem conclusion that the Chaos of the universe and the Chaos, added by intelligent beings to cancel each other would. This could be done as follows: in order for it To survive , must be intelligent life, the Chaos in the laws of physics to the development of the universe on a very limited number of possible "futures" to the force. His sheer Survival commanded him to do, the universe, an order to pay, and only the inclusion of the biology allowed us to physics of the distant future.

The highly interesting in the mathematical thoughts building Tipler is that he is the mathematics, biology adds, because that is totally new.

So far, the universe is at best a primitive machine in the imagination of the scientists, with the help of the mathematics has been described and a mathematical model was developed, the Events explained and Predictions allowed.

Editor's note: In the case of the representation of the Holistic world view of "heaven and earth is the crucial New, the tried-and-tested mathematical model of the cosmos the missing shape a customer of biology, so the Living is to be added.

So here, too, the biological Supplement, is a new reference to the reality of the Natural.

In the case of Tipler is a representation of the disillusioned, but very now follows. Tipler writes that, for him, a human being is nothing else than a special kind of machine, and the human brain is merely a device for information processing. The human soul is programmed by the brain as a Computer.

Tipler writes that many people have this view of life is not only wrong, but can you find

utterly repulsive.

He argued that if the person on the duration of survival, he must finally leave earth and space

colonization; for the earth is the downfall of hell, because with each day, the luminosity of the sun were to increase, and in about seven billion years, the outer sphere of the sun extended to the point that the earth devouring. This would be for the people and the whole of life on earth.

To life to eternal life in the universe to bring, fails Tipler, the conquest of space, by the people, of but first, be transformed must.

He takes to that in the future it will be possible intelligent machines to build, the people are and he has a Vision that people will be able, one day, intelligent computer machines to be able to produce all of the information to a human being with the means of the existing materials in the distant galaxies back to biologically to be able to produce.

Hereby closes the circle: The man mentally a universe with an infinite number of Universa created and transported in its production of data by intelligent machine in distant galaxies to the organic resurrection and eternal life. Would it be so or it would be so, then would a man like God and could be self-created to eternal life.

A utopia, a delusion, a desperate attempt to save the life out of the Chaos? Here was scientific Thinking with the help of mathematics, according to the formula, Chaos plus Chaos = new order“ to a salvation religion.

When you write Down these thoughts will you be reminded that great ideological designs exactly to this Evil act: A socio-economic Chaos is to tried to change it by using different chaotic funds (strike, slander, lock-outs, etc. the Chaos wants to change. It

followed so far, only bigger mess and  
the loss of the rest of the few remaining order.  
The philosopher, Professor Günther Zehm the University of Jena is on  
this "wonderful new world" the following  
thoughts in his essay "The new Clarity", from the 2. February 2001:  
"Who listens well, when serious people are talking, hearing a new  
sound. Everything is more difficult, it is called  
consistent in these circles, the time of simple solutions to a problem is  
over. Behind every hill we climb  
towers, mountains, of whose Presence we previously had no idea. The  
further we progress, the longer  
stretches of the way.

The natural Sciences have, in the meantime, have a revelation of silk  
make. The physics of a century-long  
the leading discipline of a winged hope of the world puzzles with the help  
of some of the less elegant formulas to resolve and in the end, even  
a fleet, "world formula" to establish, and can also be used as Illusion  
appeared.

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27

The new leading science, namely biology, the science of life, it disables  
itself vigorously against all equations  
and formulas. The research site, the biology opened, it resembles more of  
a geometric Baroque garden,  
but it is a wild - proliferative, countless rivulets through continuous  
riparian forest. Behind every river bend do  
immediately, entirely new, entirely unexpected perspectives on, and who  
the terrain abzirkeln wanted to, it would only destroy.  
The "decoding of the human genome" in the previous year (or, better, the  
comments linked to it were)  
was such a coven try. He failed spectacularly. Quickly turned out that the  
castle, in the one of the  
alleged key was much more complicated than some believed have liked.  
It is reasonable suspicion that the, what is the nature of science happens

is, all the other fields of science  
is imminent.

Biology is science of life, and life under all conditions, highly fragile and  
fleeting

state. Every Act in his character is like a Surgery on the open heart, be  
done in the laboratory or  
elsewhere.

Biology is not physics, living nature is not a mere particle of matter, its  
motion, down to the last comma

can calculate. Infinity is not just a mathematical function that operates like  
Plus and Minus,

but a permanent concrete awareness of the inexhaustible ability of the  
research object, and the method of Arsenal.

May is such a consciousness in the future, as the principal suitability of  
identification of each responsibly  
researchers or seen to be.“

So far Professor Zehm.

What is it exactly? Life of all living organisms is due to theoretical  
physics, the enormously successful mathematics in

connection with the technique to a barely perceivable danger became.

It started seemingly harmless by the invention of the steam engine, the  
soot only the air is polluted. Then came the

petrol and diesel engine, the air polluted, but also the Atmluft  
changed. He consumed the

oxygen for combustion and left a breath of air, for every Living unusable,  
because they are sick

or deadly poisoning led. Why we survived anyway? Because there are  
still plenty of good, of the natural

order of nature provided air without toxins were.

The Oil-lubricated and operated machinery put in a dangerous side effect:  
Technical Oils and

fuels, such as petrol and Diesel are made of coal-water fuels. These are in  
the ground, contaminating the

water and it will be inedible. Countless many small sources of

hydrocarbons on the already contaminated and could not be more than food are used to be. Now we buy drinking water in bottles, and this food, the same as the air, the people and animals of the nature, given as a gift, is now as expensive as the Oil-based fuel for internal combustion piston engines.

The whole recovery in the technical age of the "modern era" would be without the Motor, and the materials for the combustion, i.e., the energy carrier, not have been possible. The scientists looked for and found this in the modern era, the required energy in the coal and petroleum.

Many wars have been fought over this ground-bearing substances, and countless people were destroyed.

Even more energy to be able to use, found the physicist and chemist in a completely new source of energy in the radioactive, decaying elements, particularly uranium and built the a-bomb war to end and to avoid, as it is so upbeat is presented.

Used against people in Japan showed these energies an unprecedented destruction of the material nature, and a terrible effect on biological beings, such as humans.

A destruction of the people was held by this primal fire. Man-remained only a little soot in the Form of radioactive dust. Who is not fatal hit was, fell to the contagion, and pregnant women in the first of the child in the mother's womb were so hard hit, that terrible malformations emerged, the man in horror, no one showed. The design of the genetic fine energies were mixed up been thrown.

After that first terrible attempt of the military made a way for the peaceful use of nuclear energy.

What you also have to scare, but rather did not do, was the potential for radioactive

contamination of all the substances, and so of all living beings, from biological materials (chemical elements) built are.

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28

It should be one of the cleanest and most affordable energy. But they were the most expensive and most dangerous, because the radioactive substances in the earth, in pitchblende wrapped securely stored, were taken out and processed.

In part the resulting dust was in the air and the ground water. Thus, the toxic substances in the

food cycle of all living things. How big are the health damage to the current living organisms and their

offspring? Who the responsible person is interested in seriously for it? Only the environmental and life guards raised their voice.

What to do with the toxic radioactive waste? This Problem is unsolved. The next Generation will pay for it.

The greatest Evil of our mechanistic successful science, and time is of the slump in the Interior of the cell structure

and the already numerous successful attempt of the genetic changes in plants, animals, and probably soon also the people.

It always starts with great utopias of what it is all for the health of living organisms and their food to improve or how to get sick so that might help.

### **The end of the scientific age**

This is the title lets Prof. Dr. Herbert Pietschmann, Professor of theoretical physics at the University of Vienna in his

book the reader to share his insights and thoughts, why he to this conclusion came. Of course, you have to get the

book and read carefully to Pietsch's thoughts to understand to be able to.

It is surely no coincidence that Professor Pietschmann and Professor Sexl theoretical physics at the University of Vienna and taught

, and the mental shackles Galilean, scientific thinking, loosened, or even blew up.

Pietschmann signed the successful and interesting way of scientific research since the Renaissance, starting with Galileo Galilei (1564 - 1642). Because with this began the new scientific way of Thinking, only on the basis of Experiment, detached from human emotions, human scale, human bossiness and relying on God, the Bible, and the great Greek philosopher Aristotle (384 – 323 BC). Galileo Galilei, recognised with his sharp mind, that the Teachings of Aristotle, primarily human knowledge and experience contained and not to reason mathematically. Galileo's laws of physics penetrated. Galileo's thinking methods and is often only thought experiments were so abstract and mathematically, that the lower clergy, Galileo did not understand and feared, Galileo would the people with his new science to the waste of God to be seduced.

The scientific methods of Galileo led to the well-known great achievements of mankind in Mechanics, engineering, electronics, nuclear fission, space flight, and genetic engineering.

But also the fears of the clergy came true. The new science needed not God or the good of helping spirits. He was his own master to become to the point that he's a private picture of the world created, the no God as a world arm longer needed. So took the decay of human ethics in the extent of the departure from God took place. The loss of the divine center was the loss of the humanity of the people.

With the help of mathematics, and technology constructed world was only part of the reality, she was a working mathematical and technical model of reality, but not reality itself. She was an Image of it, and



an infinite number of people, and especially the scientists were fooled and admired her own work, forgot that what they sought to fathom, a living being was a creature of the cosmos.

What are the science-believers, Intellectuals never believe that so many scientists from the eyes deceived could be happening for Thousands of years. It is, once again, that the optical Structure "celestial sphere", we, the celestial body, see visually on our eye-retina only as a surface map can, as the images of the photos, cut-outs of the celestial sphere. Who is this area spatially inflect wants to, should the depicted body in size and shape know, otherwise, erroneous interpretations of the room, the size of the celestial body, its mass, distance, and speed.

Only those who are knowledgeable in all makes and realizes what the correct theory of the so-called celestial mechanics of Newton, or with the help of unprovable theoretical derivations (assumed straight beam of light, and adopted a full ball shape mathematically quantitatively was made, it is clear why the Astro physics

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29

in the infinity, or if you want to, in the unimaginable Vastness of a finite universe today is.

These speculations are not mathematically transform, because they are mainly from assumptions with no evidence base exist. (It is to the versions of the mathematician and cosmologist Tipler reminded of the obvious by Prof.

Einstein developed theory of relativity, very randomly applied).

But it's also not a mathematician or a philosopher, and a sense of Form and movement in the observable nature preserves, the doubt, the speculative calculated sizes, the calculated velocities and their distances

from each other, and to our location on the earth's surface. These speculative ideas in mind, not the rules of the wisdom of the great philosopher and Professor Einstein, here as a witness is called, as, of Course, presupposes the truth or the correct interpretation of the action in the nature to find. By misinterpretation of the cosmic events and the resulting disorientation of humanity was what a blessing for the people invented was, now the greatest danger to the humanity and all of God's creatures, because in the rush of the scientific success, the other side of reality, the biology forget to had been.

Because Professor Pietsch husband remembers and displays the action the art of the Work of the spirit powers. not to quantify, but only in a qualitative experience can be. Often it is the spirit powers of love, of humanity, of faith in God or the secure feeling that the actions, which truly Large stems.

We are not back to the great Greek philosopher Aristotle reached, the Knowledge of the practice of the human experience of reality and wisdom of nature drew? By the way, the Galilei foreshadowed, is at an end or goal. Everything is measurable, it was measured and what is not measured, could be, was measured to be made. It was weighed, counted and measured in accordance with this order, the Galilei had given.

Just feverishly to the smallest particles of the atoms is searched for. Sure you will one day agree that it has found. Then all that remains is a measure of the hundreds of thousands of employees of the "New science" of Galileo Galilei, something you have repressed, because it is apparently so unimportant seemed, and everyone at the first glance, to detect said, if the earth is really a sphere is. The curvature of the sense of the surface of the earth, if hollow (concave)

is curved, or to the outside (convex) is curved, it was never measured. Not because it was able to measure, but because it is not deemed necessary that the ever ever be measured should. See the classic erdwölbung measurement by Prof. U. G Morrow 1897 in Naples, Florida, USA, the hollow spherical shape of the earth proved. I was spared the trouble and formulated instead, the Axiom that the earth is obviously a solid ball.

**Axiom** (griech. Claim) means in mathematics and logic, a statement from the other can be derived, but which itself is not in the same theory is provable.

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30

## **The question as to the right of the world**

Images of the world came and were discarded. You were new designs replaced, or extended, if the new findings did not meet.

The world systems are determined term of their centers, and usually also named.

1) The oldest model for the world from the ancient cultures known and been passed down. It is the heaven-centric world model, in which the fixed stars in the sky ball in the center of an inner world of the Erdhohlschale enclosed it is.

(Also Weltei called), It is represented in the Bible as the heavens and the earth, and in all the great religions.

The Sky-Centric World Model

H

M

E

S

Explanation Of Symbols:

E

= Erdhohlschale

M = Moon

S

= Sun

H = Heaven

The small dots around the sun are mercury and Venus,  
within the path of the sun

The fixed stars in the sky ball circles the planet Mars,  
Jupiter, Saturn, Uranus, Neptune and Pluto.

**Fig. 03**

2) While the sky-centric model of the universe in the religious Thinking  
of the people as heaven and earth anchored  
remained the language of the image seen, and instead, made for the  
Sciences of antiquity, the astrometry  
and the Geometry necessary theoretical model. In the centre of this model  
was the Globe, and

was about the Geocentric model of the universe called. (gea, Greece. =  
Earth ) Later, it was also as the Ptolemaic  
model of the universe called. (According to Ptolemy, Claudius,  
geographer, mathematician and astronomer. He lived about the year 85 –  
160

n. Chr. in Alexandria, Egypt). Figure 4 shows the earth in the middle of  
the cosmos, in which the moon is in its orbit, the  
earth's orbit, then followed their orbits, the planets mercury, Venus, then  
the sun and the other planets, Mars,  
Jupiter, and Saturn. The planet Uranus, Neptune and Pluto, were not yet  
discovered. A fixed star hollow shell enclosing  
this inner world.

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31

This model was used long before Ptolemy, the  
people, for a total of at least 2000 years as a viable  
very vivid and at the same time, a theoretical concept until  
it is mathematically too complicated was rejected.

Figure 04 shows the Geocentric model of the universe. In the  
center is the earth, then the moon's orbit and the  
orbits of mercury and Venus, then the path of the sun

and the orbits of the planets. This inner world is completed by the interior bounding concave fixed star shell.

3) That of Copernicus in the 16th century. Copernicus presented the Heliocentric mathematical model ( helio, Greece. = Sun) was of the mathematicians as a better perceived and, in particular Johannes Kepler further developed.

Copernicus (1473-1543) learned of this idea from the Greek Philosophy.

## The Heliocentric Model Of The Universe

After the presentation in figure 05 from the cosmos, stand in the sun in the center. From the center out, circles around the sun, the planets mercury, Venus, earth with moon, then in the following Mars, Jupiter and Saturn, and everything was enclosed by the fixed star shell to an inner world.

This model of Copernicus have been suggested to easier planetary level calculations for the astrologers to make to be able to. This proved to be a failure; this is because the problems have remained the same and the calculation of the moon's orbit and the determination of the moon's places were, and remained, the most Difficult up to now. Johannes Kepler (1571 – 1630) was, with his three Kepler's laws of planetary orbits around the sun, mathematically, to describe.

However, had in the course of time, the idea will be abandoned, and that a fixed star shell, this inner world with the sun in the center wrap would. So that was the inner world of the model of Copernicus destroyed and the others remained was the solar system in the space.

Earth  
Sun  
Moon

**Fig. 04**

**Fig. 05**

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32

## **The modern notion of space astrophysics**

The astrophysicists began with Isaac Newton, (16643 – 1727)  
engl. Physicists and mathematicians work and designed  
in today's schools, scholars Astro-physical conception of the  
universe. Tens of thousands of physicists and mathematicians  
have in centuries, with diligence and a theoretical model of the universe  
developed in the same

were not vivid enough, it was like the once from Rutherford and Bohr  
developed a model of an atom, but as a computational model and an  
admirable record, so that this model, it is even enabled, a successful  
manned rocket flights to the  
moon and back by result.

A model of this calculation model of the universe to the with the help of  
the imaginary straight light beam  
computed distances of the planets and stars to each other not to build, but  
there are trails, which tries  
to show how small, in this mathematical model, the earth is and how big  
is the sun and the other  
celestial bodies, and which are large distances between each planet to the  
sun and the sun against the  
stars after this model.

**But according to the mathematical methods developed computational  
model of the reality of nature ?**

This question is for researchers to be very easy to answer, because you are  
used to with models of any kind to work or  
to experiment. If the model with the reality of matching results, and so it  
serves its  
purpose and is good, but the reality of nature is the Other, the model is  
described.

You go with me in search of reality. I have a lot of that in sixty years of  
life in the models 1 and 4

found. I invite you and I am grateful for your criticism and eventual cooperation. Professor Dr. Roman Söxl (deceased) formerly at the Institute for Theoretical physics, University of Vienna, to us, to me and to the physicist W. Brown with his criticism, and his support for mathematical formulas, a great help is given.

I want them in my home [www.weltbildfrage.de](http://www.weltbildfrage.de) show that the time ready for a merge

of the mathematical, theoretical model, and the biological model of the cosmos to the better recognition of the reality in all branches of science-based, new holistic model of the cosmos and what's with the humanity of the third Millennium of progress in all areas of life could mean.

### **The reality and mathematical description**

Many people will judge the world-image of the inner cosmos (heaven-centric model of the universe) in the following way: The space flight in the interior world is not possible, because a rocket in approximately 12,000 km of distance on the opposite shell of the earth meeting would have to (1) and because of the Earth from the moon has photographed. (2)

Argument 1 shows ignorance about the flight of a rocket. Argument 2 reveals partial ignorance of optical laws, which is especially important for astronomers widely used seems to be. Take that these objections are allowed, so it is useless in this world image of the inner cosmos to deal with. In addition, as argued in addition, (3), prove by the Space scientists calculated trajectories and distances clearly the accuracy of the

General as a reality, as adopted and in school scholars Heliocentric view of the world.

Because, if these calculations are not correct, as argued, could artificial satellites your goals is not as exact and sure reach you. This objection is one of the main argument and has

such a large effect, because almost all of the Educated  
, the mathematical model in the absence of better knowledge of the reality  
is the same.

It gives the following representation of a response, and also shows one of  
the reasons why the measurement of proof on the  
surface of the earth, the hollow sphere shape of the earth as the fact  
shows, according to these three arguments are not aware of  
is taken, or even as a non-proof capable of is bypassed.

At this point all the world to fail usually picture conversations.

Where to take the conversation partner, your judgment,  
security? Obviously, from their confidence in mathematics.

To be sure, the math is with its rules, is a very good intellectual tool for  
the description of reality. But so

said us Professor Einstein in his book, "My world view" on page 119: "in  
this respect, the rates of mathematics to  
reality are related, they are not certain, and as such, they are safe, they are  
not the reality."

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33

Consequently, it is a mistake to talk of the sentences of mathematics, such  
as the laws of nature. Who is it but still does, leads  
interested laymen in the wrong, not with intent, but easily done. Professor  
Sexl shows the example from the

book of the astronomer Herrmann, of the straight beam of light from the  
theoretical physics without a care in the reality  
transfers, i.e., an Axiom with the laws of nature the same, and now claims  
that a space in the inner world, so

the shell of the earth that is enclosed by the inner cosmos is not  
conceivable; for if the rocket hundreds of thousands or  
millions of kilometers into space far would be the judgment of the world-  
image of the hollow spherical earth as a non-existent like,  
even astronomically not competent Amateur.

Who says so unscientific lightly, has not learned his lessons as a physics  
student well enough.



What was wrong?

Theoretical conclusions from the mathematical model of a Heliocentric view of the world were as simple as a fact

on a different theoretical System, in this case to the inner world – the cosmos transfer without having to remember that this is not without a previous Transformation is possible. Because here, in this System, there will be a theoretical basis.

In the following example from the practice of the physicist is shown, what theoretical physics and mathematics to provide

are capable of and how easy it is, reality and mathematical model to distinguish, when both eyes

has.

Below images show on the left the only two-dimensional drawn to reality and to the right of the Transformation. The task

of the scientist is the reality mathematically describe and calculate. He starts by saying that he

first of all, the course of the curved flow lines mathematically in an x,y coordinate system describes. The

description is but this System is pretty complicated. Therefore, he transforms the x,y - System (left image)

by means of a suitable mathematical function in a new “**phi psi System**“ (Greek letters)

**Fig. 06**

Each point x y in the original field is in a "point of phi and psi imaging system". By using the above -

standing function the curved flux lines of the original in straight lines in the image system. From the cylinder

is (theoretically!) a thin sheet. From the data thus obtained, mathematically very easy to descriptive

image model, with the Original, of course, intimately mathematically linked, he can now relatively easily the

desired data, such as pressure and flow velocity can be calculated.

It would, however, none of the scientists in the sense that the image model (right image), as a new reality just because

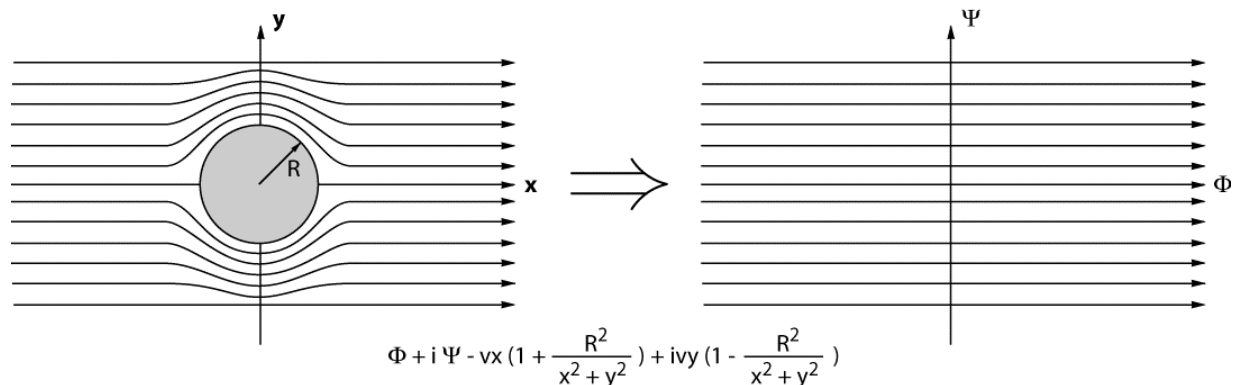
then do calculations. The layman to recognize that the Transformation obtained image, the model is not the reality itself.

Here is now the judgment-enabled reader, is clear that it is a nonsensical Argument is, if asserted, would: you Can according to the Heliocentric (Copernican) model of the cosmos, the flight of the missile to calculate, so it is the reality.

On The Contrary! There, where the Straight lines expected is that it is in the nature does not exist, it is only a mathematical model of the world to act.

Our scientific Advisor solves this Problem with respect to the world model for the uninitiated, quite simply, by example, by using a model case, the reality is a mathematical System is transformed.

The reality is there, where exact measurement results are available and where the shape of the world with the forms of life coincide, as with the sky-centric view of the world is the case. The large cells of the organism inner world is similar in shape to the principle of a biological cell.



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34

We are transferring the knowledge gained on the astronomy and we recall that the astronomy, until today, the only science which is not the object of your inquiry, except the moon, the experiment can.

The world is too big and can't be overlooked, therefore, can only be with each of the phenomena involved and

to suggest trying. But since it is to the practical work of the scientist and astronomers have heard, perform calculations, the experienced reality in a mathematical model are transformed, which is a relatively simple calculation makes it possible to. Such a model test was the Ptolemaic view of the world with the Globe in the center is the Copernican view of the world always have been and only scientific owls made in your wishful thinking from the Transformation of reality itself. Copernicus was aware of this problem to be well aware of, which is why he wrote:

"No one should expect something as a right of astronomy. The adoption of the earthmoving is an assumption and is not to be considered as the absolute truth."

Every important astronomer of the present and the past knew about this Problem, and only a pseudo-scientific works to the "instruction" of the people disregard this.

Dr. Carl creators reported in his book, "The contradictions in astronomy" Berlin in 1869 by his encounters with the famous scholars of his time.

"I, I went to Alexander von Humboldt, the rejected one, even every letter conscientious replied. He received me very kindly, and said the memorable words. 'I have also long known that we have no proof for the Copernican System, but as the first to attack it, I would never dare. Bumping into you not into this hornet's nest; they are only the mockery of the judgment-free amount to withdraw. Rises once an astronomer by the name of against the current view, so will I, my observations tell, but as the first against the views to appear in the world love have become, I have not the courage.'" Dr. Schöpffer writes:

"I told Prof. Dr. Friedrich Gauss (a world-famous mathematician, Director of the göttingen Observatory \*1777 - 1855) of the

previous course of my research; I told him how I found that all the great thinkers, a Franz von Baader, Schelling, a Hegel, against the exuberant assumptions of the Kopernikaner himself rebelled had, while only the little ghosts and the Uneducated the right who. The one who is not in the Chorus of the days of the assumptions launched, not only as a fool to scoff at, but even with the poaching fanaticism to keep track of.

Against all these comments turned Gauss, the most famous and largest of the then living astronomers nothing, gave me, on the contrary, his perfect cheers to recognize. He confessed to me that each new discovery in astronomy him with new Doubts as to the prevailing System complete. As I said, Alexander von Humboldt, had declared, that he also immediately against the current beliefs collect when an astronomer by the name of, against this would explain, he replied: 'If I were twenty years younger.' "The truth", Göttingen, 1854, quoted from the "leaves.

Dr. Carl Schöpffer (1 wrote. Band 7. Folder Page 354 - 356) :

"I've been to get to the bottom of it, with various well-known famous astronomers. I wanted to be an astronomer to show that the calculations based on false assumptions were based, however, he replied, what I as the views of the astronomers lead, had no views of the astronomers. I asked, in what way I can the views of the astronomers know, it could. The answer was: "you are a fool's errand. Any astronomer acknowledges, that the Copernican astronomical System is only an assumption; we don't think of it, the truth of the evidence and look at it with indifference, if someone to do it for false outputs".

One more try I wanted to do and went to a highly acclaimed astronomer, and this then said: "It can't even take the chance, if the Copernican theory true or wrong, it's not a

real

astronomer, depending on your Untrüglichkeit has claimed, but only if the celestial phenomena according to their calculated. This

is after her so well, just like any other hypothesis possible. All

astronomical formulas are for you,

set up, and it will, astronomy, therefore, never choose the laborious Work of centuries, to fall

to, once again, of a new start." According to some of the other objections of the Questioner said the astronomer :

"Work in your System and you will be among the astronomers with no opposition."

This objective opinion is still valid today and it would be awkward,

wanted someone to try and open doors with Impetuous

to the converted. It remains an important task of the inner workings to show and to prove that the

Copernican System, the Transformation of reality. The doctor and

cosmologist Dr. Cirrus R. Teed in 1897 and of the

lecturer, Dr. Bohrmann in the thirty years of the 20. Century gave the decisive evidence.

Figure 07 shows the System of mathematical Transformation of the outer world into the inner world.

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35

**Fig. 07**

The lecturer, Dr. Bohrmann made to the above Transformation in the thirties of the last century,

the attention of the physicist W. brown, my consultant, worked this

Transformation in more detail, and Professor Roman Sexl

from the Physical Institute of the University of Vienna gave his physics students in the task, the sky centric

astronomical model (a hollow ball of earth with the content)

mathematically to refute. It proved to be impossible, and Professor

Roman Sexl confirmed to us in his publications of the mathematical

Irrefutability of the sky centric

astronomical system.

## **Programmed to scientific progress without the ethical commitment to the expiration of the human society ?**

We will fly to the moon, have above us, circling satellites for better television broadcasts, build manned space stations in the 500-km altitude above the earth's surface, to produce atomic bombs and energy from the splitting of the atom, have precisely accurate missiles, fired from Supersonic aircraft, the art of genetic engineering developed, so that biologists animal species can change, trade, the sick heart, kidney and parts of the body, and life, in spite of this progress and great opportunities in a world of ethical collapse, and the prevention of those creative powers and energies of the people well call and in the concept of GOD is THE CREATOR are grouped together.

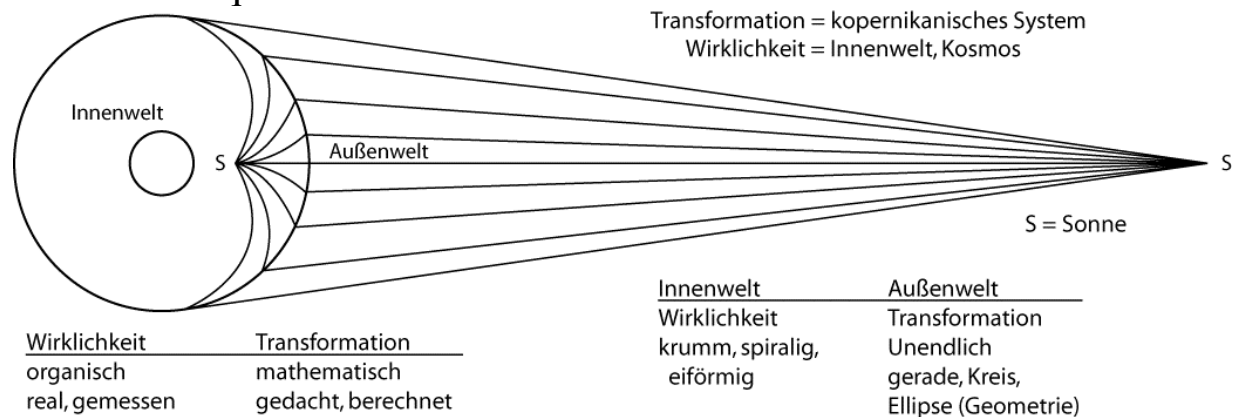
The laws of nature and norms of behavior that the human Survival and a special position in the Interaction of the organisms allowed to be disregarded, so that the balance of forces not only in the balance of nature by increasing disasters is displayed, but also the relationship between man and animal, human and plant, the abuse is at risk. Most at risk, however, is the relationship between people through exploitation of the people by unscrupulous exploiters, the humanity in wars involve only the Instigators use and highly developed civilizations and cultures fall down into the abyss.

The great achievements of the technical progress brought not the Golden age, in a peaceful world of prosperity, but the decline in the value of ethics and lack of interest in the Real and True in the world.

The world presents itself to us today, as without peace and without great designs for the future. Emergency and diseases have increased, unemployment, and hopelessness afflict many people. What

happened and how to change, ask a lot of desperate people. With the 11. In September 2001, it was the age of the most powerful and most dangerous terrorism initiated it before, so was not. No one is more sure of his life! The Unbelievable happened. Peaceful, harmless civilians have been with the same aircraft they flew, as the bomb used to the two skyscrapers of the World Trade Center in New York, USA in the rubble and ash, to place, including the people in the buildings worked. A barbaric act in the middle of the glow of peace of this world, it has never previously given. The Scare about this crime is not primarily for research into the causes of why this act of revenge perpetrated, but the finding that the human dignity due to the gross violation of the ethics of the worst hit was.

Which is the newest way to fight a war of man against man? If Yes, then we need to find the causes of the decay of the ethics questions.



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36

I agree with the answer to this question, that the cause of the decline of the ethics of the loss of the GÖTTLICHENH CENTER in the consciousness of the people. The Knowledge, responsible before God to be, for what one thinks and does is swollen wounds, because you will no longer really believes that it is God,

the Creator of heaven and earth, because it is in the consciousness of the people have no place in the cosmos, the sky could call

Systematically in the human model of the cosmos, the intended area of God, so what the firmament, once called it, as the room dissolved, and finally diluted as a vacuum, that there is a heaven, as a completed room not to find. In the world of model No. 1 is the sky high up in the middle of the cosmos, similar to the cell nucleus in a biological cell. In the world of model no. 2 and in the beginning, in no. 3 was the heaven as a place high up, but not in the center, but dissolved in an infinity, the non-binding nature seemed. Finally, the term sky with clouds and space are connected. The English Bishop of the Anglican Church said in the sixties of the last century, his believers: "let's Be honest, where there is no heaven, there can be no God."

But since the people love it, an authority to throw to together, to be strong, they created over

Ideology in the Form of political leaders, the replacement of God as a dictator.

Thus, began after the end of the first world war, the murders, the people from the political and pseudo-religious

reasons, until today. Still this process is ongoing and may start due to an error and misunderstanding to

a fanaticism fuelled war of religion to be as it is in Palestine is now visible has become. Spread

this killing, so can it for real this time, with the danger of an atomic bomb war be reckoned with.

## **Why you have to be discarded even in ancient times, the biological model of the cosmos?**

The people are the most important body organs, the brain and the associated meaning. He would have this in a holistic way



, just as the animals do, if you are the life, the fight to survive, so he could not mistake

the sense of sight to overestimate, and his eyes expect, what you can't afford it, namely the very Large or the very Small to correctly identify. The eyes of the people, because of their structure, in connection with the function of Vision not able, therefore, needs the Seen of the interpretation. Especially if the person distances of a few hundred meters, exceeds, where he is no longer possible, spatially to see.

So this was the first model of the cosmos of scientific, knowledge-theoretically, the working people, and the discarded, because in the center of the model contained a fixed star ball is not recognized as such could be. You saw the sphere of the fixed and indicated in this Sheet as a space.

Who of the people or of the present is clear that the process of vision in the eye on the retina

as a reduction of the seen reality begins, and as a mental process continued, as the latest research show?

Of them knew the people of the ancient times, nothing, nothing of the at the time unknown to the laws of optics, which resulted in that the fixed stars in the sky ball in the center of the inner world to the celestial sphere spread needs-and in accordance with the known laws of optics.

Therefore, dismissed this sky-centric model for the world, not only then, but for the same reason, even today,

although the process of seeing the people and the optical laws today knows and the note would have to. I, unfortunately, too often that physicists described above facts in mind, if you are of cosmic phenomena, talk, or write.

Each of the horizon of the sea (Kimm) as evidence for the spherical shape of the Earth sees, observes the optical laws. Earlier, the sea horizon was the popular "proof" for the spherical

shape of the earth. Today is not only the people, but the vast majority of the scientists of physics (the other non-scientists are not competent), the photography of the earth from the moon as evidence for the in the space of the universe, a floating Globe.

Who as a scientist of physics to be Able to convene and of the laws of optics and the physiology of vision't know, and but as a Knower in the World that is, unfortunately, is also not competent.

Images of the world are not only images of the cosmos, but the Teachings of the world (Greek. Cosmologies). And who's to create power, should the work of physicist W. brown in this home "The space metric in the interior world" is read.

Here I will show you

### **Fig. A1**

the Reflection of the straight light beam on the inner circle. Pay attention to the educated

the same angle of the incident straight light beam and the transformed curved light beam ends.

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37

Both angles are absolutely the same and allow the cosmic distance measurements, two totally exclusive distance calculations from the theory using the straight light beam or other theory with the assumption of the curved beam.

How to determine the reality ?

Of course, only with scientific methods. These measurements and their interpretations belong mainly. This is the task of the reality-oriented branches of science, and of logic and the theory of the working

of the Humanities under the direction of philosophy.

Can a object, such as the cosmos or the microcosm of the atomic world

not to

overlook or handle, so that their structures are theoretically determined so  
can you probably the most useful  
theory not as a reality, call, because it is just a description of reality and  
not themselves.

Astrophysicists and nuclear physicists in the world today were designed  
to have faith to the reality of their  
theoretical models. (See what Prof. Einstein says about the representatives  
of theoretical physics.)

Wisdom is not based on theories, but on the experience and without  
wisdom there is no secure Knowledge.

A cosmos is no longer in its Form and function, in its effect, and his goal  
is understood, leads to  
disorientation, and this, in turn, is the fruit, which delivers the service to  
recognize.

So are the other cultures and great religions outside of the Christian  
culture and belief space, stunned and  
terrified by the moral decline of Christianity as a "Western culture" to the  
same extent as in the

Western cultures, the technology, the life conquered, sank into the ethics  
of the Prevailing there. What once was as a liberation of the  
Mankind from the slavery began, the right to self-determination of the  
people of the political Form of democracy,  
degenerate, that is, usually a refined fraud system to the electorate and led  
to an intolerable slavery by the  
tax authorities of the States. Never before has humanity higher taxed and  
exploited, except in a System of  
slavery.

What's in the functioning of Christianity that are in authority, oriented  
upwards, the DIVINE center. The other  
authority, who has the Power over people, and without ethics is based on  
the advantage of your organization, the  
political party.

From this Situation, there is only one salvation: The reality and loyalty to

the commandments of God to Recognize.

## **Geodesy - The science of the study of the Erdgestalt**

Can you measure the earth and its size determined? To know how the earth as a Whole looks like and what is beyond the horizon, or as it is on the moon, on other planets, or even behind, the stars? These are age-old philosophical questions, and are also linked to the desire of the people to the ownership rights and is thus the use rights on the earth and in the cosmos, so also with the search for Power and wealth of the rulers over the people.

The educated man-and-white on all of these questions to answer, but he knows it's rarely anything at all, and yet believes that he knew of. Some of the best scientifically-based work begins, unfortunately, too often in popular scientific representations with a faith commitment to pseudo-scientific assumptions, which, allegedly, no proof is needed:  
for example,

·  
"Today every child knows that the earth is a sphere" so it begins,

"\_ they are satellite images as a space traveler, even "top-down" view."

Exactly this is the response I received from a dear friend, when I to begin with and something gently, starting from the cosmos, reports, wanted the large cells of the organism "heaven and earth" in ancient times was known a hundred years ago and by measurements on the surface of the earth has been proven. For example, the doctrine of yesteryear with today's facts matches the surface of the earth, the inner surface of a hollow sphere is, and all the heavenly bodies office of the fixed ball in this Interior, surrounded by the protective shell of the earth, is located. I had a few words of introduction, as to me the above sentence full of

Conviction has been said, as if it were a fact handle, "which everyone knows, and every normal person knows that the earth is in space, floating ball, and not just the astronauts have seen with your own eyes, but also we on the satellite images and the photos the astronauts brought with them".

Who in such a Situation, speaks and not the wheel is turned, you risk a good relationship because he General Belief with the other shares; for Knowledge is of this Belief, not really, but only a figment of the imagination, an unexamined Repeat what others say, or what we have been taught, and we therefore trust in faith. Who in this

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38

Conversation does not realize that it is not more scientific truths, but only to the Problem of trust, loses its good Reputation, because he was of the belief system of the interlocutor in question. But as uncertainty perceived, goes against the honor of knowing and excites it to a contradiction or aggression.

1. How can you recognize without the surface of the earth to leave, what shape the earth, ball, solid or hollow sphere?
2. How can you determine exactly where on earth it is?
3. How to distances or distances between different places accurately measure or otherwise determine?

It is, however, particularly the first question, which should be of interest to every thinking man and more accurate response direction; for it is a question not only to the spherical shape of the Earth, but at the same time , the question is whether these spherical shape, which is already over 2000 years ago by the scholars of the Alexandrian school,

Erastosthenes (to 276-192 BC) was found, a full sphere or a hollow ball. It seems that at that time, the clarification of this question is not of special scientific necessity; for in this period, scholars of ideas from the

The cosmos were to the outside closed inner worlds, where people felt safe. Therefore, at the time, an idea of the shape of the cosmos is a mathematical model as we know it by the scholar Ptolemy transmitted, received, and scientific purposes, and the second scholar idea of the shape of the cosmos

was that of the philosophy of religion and Tradition, scholars of the world of God the Creator with the celestial sphere in the middle of the cosmos, as it is in the religious books (for example, in the Bible) was portrayed, and also of the Egyptian mythology, as well as of the Greek philosopher Pythagoras was sent in to the top to the center of the

cosmos-oriented. (See the bibliography in the Appendix)

, The mathematical model was used to astronomy, surveying and orientation.

The biological re

l

igionsphilosophische model was used to answer the questions about God, the meaning of life and the

subsequent questions: where is the man, why, he lives here, where is he, where's he, or is he and

what ethical standards should he behave when he is in a human community in the framework of the law of nature circumstances wants to survive.

Geodesy is a success based science and scientists have done Great deeds, and yet

have become famous scientists just found out and proved that the earth is a sphere, or more accurately said, of a spheroid

.  
The core question of whether the earth is a solid ball is on the outer surface of the human life, or whether the earth was a hollow sphere whose inner surface of the human life and the cosmos, an inner world, enveloped and surrounded by the protective shell of the Erdhohlkugel

,  
since the modern era, only from outsiders made; for to the official teaching of the geodetic science at the universities of this was never a question. Your dealing with the light beam and the one-time Definition, the beam of light as a mathematical successfully to the Measurement of the lands and seas can be used to let other thoughts, not at all, because of the sense of sight of the people blocked such ideas.

That's why the impetus came to new questions

i  
n of geodesy, the science of optics and the obtained Knowledge of the light and the Organ of the eye as a mediator of the Seen. (See: optics, light and See)

### **DIAMGRAM No. 3**

Comprehensive View of the Air Line, Showing Use of the Rectilineator in a Survey of the Chord of the Arc by the Koreshan Geodetic Staff at Naples, Fa.

### **Fig. 08**

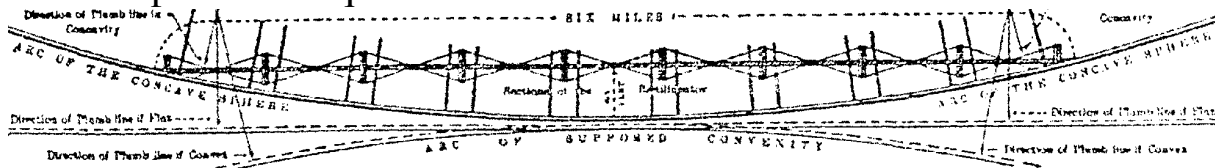
shows a graphic of the mechanically constructed straight line of the surveyors U. G. Morrow, Estero, Fla. United States in 1897, in their relationship to the concave surface of the earth. The possibility of a convex curved surface of the earth or a surface without any curvature was in accordance with the measurement results will be excluded. The simultaneous

measurements of the alloys in relation to the measurement gevierten resulted in a further confirmation of the hollow spherical shape of the earth's surface. (See the illustration of the classic Erdwölbugsmessung Teed/Morrow's by the physicist W. brown

The assumption that the light beam is a Straight line was introduced in the

General practice of the determination of the position and land surveying as a suitable out. Of course, everyone has a land surveyor in dealing with his theodolite many variations of the light beam from the Straight line determined by the repeat

1  
te measurements at different times of the Day and relatively short distances could be a value obtained from the practical requirements was.



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39

As shown below, it was the ray of light, and his Definition as a Just a measurement of the Wölbungsinns the surface of the earth from the Thinking, not volume, and as a result, the shape of the earth from the approach as a full sphere has been determined. Only the Americans U. G. Morrow. Ph. D. the construction of a device, let it build, and related it to the mechanical formation of a straight line, the curvature of the sense of the surface of the earth, for the first time in the history of mankind to measure and determine. He called this device Rectilineator to the device to form a straight line.

As so often in the history of science, took the official geodesy not aware of morrow's major scientific measurement, and today was no well-established scientists in the field of geodesy, the U. G. Morrow's measurement results are processed ,or other such measurements would have been undertaken. Only chance came to Morrow to the aid of, by the geodetic

MC

. Nair, also of the USA, with the measured Deflections in mines Morrow's



measurement results

unintentionally confirmed. More about that in the presentation of the two measurements and their results.

Looking at the historical development of geodesy, it is clear that the land surveyor, except for the imaginary mathematical straight line, the marks and the theodolite, as a rule, nothing had, what do you except your sense of sight and mind as a tool and tool-use were able to make the shape of the earth to determine, up to the invention of the Rectilineators.

Today the land surveying has, since 1970, the American military with the help of the satellite, developed the "Global Positioning System (GPS) is a Standard achieved that places on earth is supposedly the centimeter determined to be able to. With the help of this technology, in conjunction with an additional radio stations can rocket body exactly in the predicted targets are steered, as of 1999, in the war between Serbia and Nato, has been shown. But also, this System can be the earth between a solid ball and a hollow ball shape did not differ, because it was not designed.

On satellite images, to recognize that the earth-body dents and hump, so that at the North pole, a deviation of up to 10 meters, at the South pole of minus 24 meters were calculated. These and other deviations were but nowhere big enough to tomorrow's measurement with the Rectilineator to compromise. Someone tried to tomorrow's measurements to refute, so you would have to with facts to start, and the Lotmessungen refute. Until now nobody in this effort.

The past two thousand years, there is no uniform development of geodesy. After the first reported experiments, the Alexandrian school, in which the spherical shape of the Earth is determined and the approximate size

is calculated, it was a long time any more progress, for a track to be measured is not easy, especially when you are just supposed to be and the specified distances votes must. The science of geodesy is closely linked with the Mapping, and this, in turn, allows the merchants, the research of travelers in foreign countries, the shipping industry and the military, right to plan ahead and to the desired destination to reach. Not only the width of the rivers and estuaries, but also the heights of the mountains had to be precisely determined, to these heights to overcome or work around to be able to.

The land Lord to the size of the state to determine, and, above all, a precise boundaries define, as any private property owner to know exactly what his fundamental right.

The surveyors were very much in the 17th century. and 18. Century in order to do that, the countries to measure and with the nature of matching cards. All this was a great performance and the largest Structure humans

Eyes, the earth, played the sense of Curvature of the surface of the earth, whether convex or concave curvature is present, not the size of the areas influencing role. Therefore, there was no compelling need to use a device invent to need to, with a straight line to the horizontal plane can be formed.

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40

## **How can you determine exactly where on earth it is?**

Horizon

Celestial pole

Zenit

Equatoria

The centre of the earth

a

a

For the determination of Latitude,

a

and thus the

latitude levelled to the theodolite and target then with the telescope in the vertical circle of the celestial pole to. The Angle

**a**

between the horizon and the celestial pole provides the value to search for. In the drawing we can see that this is the same angle as the between the direction of the force of gravity and the Zenith of the observer and the earth's equator.

*At the North pole is*

**a**

= 90°

*The Equator is*

**a**

= 0°

### **Fig. 09**

This question is particularly important for the mariners, who want to find the Position of your vessel on the sea. The figure 09 shows the principle of how it is with the help of such a geometric drawing of the degree of latitude the angle measurement reading can be. This is with the help of the Straight line on the circle easily. No one would be here, with curved, light rays expect to want to. In this case, as so often, the mathematical model is more successful than the reality, with its curvature.

The method of the base magnification of the Willibrod Snell: with wood slat, is a very short distance of a few meters measured (at the time, in Rhenish rods). This is referred to as the base with the endpoints of **t** , and **c**. these points are the points **e** and **a** – for example, from a distance, recognizable towers – selected, so that in the measurement of Winkel **etc** , and **etc** , with a quadrant or theodolite target can be.

From the law for plane triangles, he got the angle of **tec** and the pages of **ec** and **et**. In the same way the triangle **tac** determined. The Angle

**eta** is obvious

**eta = etc + cta,**

and since the two sides of **et** and **at** , as well as the included angle **eta** kenannt are, he can with the help of the Regio mining developed cosine of record, the range **ea** calculate:

**ea =  $\sqrt{te^2 + ta^2 - 2 * te * ta * \cos\langle eta \rangle}$**

The track **ea** is now used as a renewed Basis for the calculation of the large triangles **ema** and **eia**, what with the same method for determining the sought distance between Leiden **i** and Soeterwoude **m** leads. (note. And Souterwoude towns)are suffering

a  
c  
t  
e  
m  
i

Souterwoude

Suffering

Fig. 10

What it really comes down to the Cartography, the right distance, size, and height specifications. This

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41

Problems were solved by the application of the Triangulation. It all began in the 16th century. Century, the French

doctor J. Vernel a try to the first grade measurement made. He drove his car to a specific route

, and counted the turns and there he is the extent of his wagon wheel knew, he could be the distance to be calculated. So

he had the idea of the odometer practiced today in any car is an important measuring device for reading the

kilometers traveled and to determine the speed, you just drive. All of today's distance information

on road signs, are almost determined and used in the production of more accurate maps. But

enough of the military authorities, because the artillery required distances from place to place by air line, and it was only

with the help of the light beam to solve. It is also worth noting Gemma Frisius, a basic-distance between the two

Church towers of Brussels and Antwerp put. A visor ruler of a Grade assigned to a circular disk, similar to

a quadrant, additional points are added to the tank. It was important that these circular disk with the help of a compass

due North oriented. The points of intersection of the character under the location of the applied directions were determined graphically. From the obtained points, the procedure in the same manner to continue. It is, therefore, a "forward new cut off" points. This method suffers however from the way in which the length of the base of the route is not known. Because the distance between Brussels and Antwerp was not known and was created by Gemma Frisius theoretically provided. The discovery of the Triangulation by the Dutch mathematician, astronomer and cartographer Willibrod Snell freed from the previous approximate or inexact direct distance measurement. It fascinated the method, the location of a point on the earth's surface by calculating the sides of a triangle and the measure of the angle determined accurately to be able to So that he could (1618), the world geodetic finally, the direct and very difficult route surveying and the all pure sensory perceptions (of course, in addition to the sense of sight) - based methods make them independent.

A  
E  
S  
I  
R  
Y  
L  
O  
U

Of the other mode is to connect it was in the course of the triangulation method, the Problem of "reverse notch" resolved, that today, as a pothenot specic task or as a "recession is a problem," is known for. (Correct way, it should but

.Other mode is to connect-pothernot ash task is hot). Already Hipparch treated in astronomy, the Problem is that the determination of the ephemerides of the sun to the point in the vicinity of the center of a given circle, find a need, in which the rays to three known points on the periphery of the circle is right angle with each other.

Snell formulated the Problem as follows: If the distances between the three given points is known , so are the distances to a fourth point is known that the three points to watch and the corresponding angle measure:

to find the distance between **O** and **I**, the he from the given distances between the **Y**, **U** and **I** and the observed angles, **YOI** , and **YOU** will be derived. The necessary geometric construction is the following: If

is the Angle bisector of the lines **YI** and **YO** and **YU** , and **YO** to each other, so is obtained from the intersection of the first two the center of **A** circle with a Radius of **YA** on the periphery of

the points **O**, **Y** and **I** are. From the point of intersection of the last two, we obtain the simulated point **E** of the circle, on

its periphery, **O**, **Y** and **U** are. Then the radii are:

$$YA=YI/2\sin YOI \text{ and } YE=YU/2\sin YOU.$$

In the triangle **AEY** are now two sides and the included angle are known, so too is the angle **AEY** known. Da **LE** , the mid-perpendicular to **YO** , you can also **YO** calculate:

$$YO = 2 YE \cdot \sin AEY$$

Then be **OU** in the triangle **OUY** and **OI** in the triangle **OIY** calculated. And so are the sought-after pages, **OY**, **OI**

and **OU** is known.

### **Fig. 11**

It was created as a by-product of the original method of Triangulation, which up to the present day, in addition

to the refinements by Gauss and others, for the exact Measurement of the size of the Earth is to be applied. But

always lacked the real measurement by this method, the measurement base. So he really is a little piece of

a few meters, very exactly, formed of a double row of specially made wooden slats, he mutually suspended.

(Fig.5.3) With the help of the Triangulation put Snell is a network of triangles, and was thus able to calculate the distances. In the Württemberg land (1624-1635), by the Initiative of the tübingen-based orientalist and mathematician W.

Schickard came to be, exactly to the Snellschen method, the trigonometric network. However, it was

really measured the Basis of a range of 3900 feet in length, close to the river Neckar measured directly, and then according to the

method of the base magnification used. The events of the thirty years war and the death of Schickard's

stopped by this company. The first major survey project took France in 1671, under the direction of the astronomer

Jean-Luc Picard, of the cross-hairs in the Femrohr installing the left, the beginning of the 16th century. Century invented and introduced.

Following the example of France, were soon almost all European

countries, the well-managed goods, mainly from military reasons to schedule measured and recorded. The real continuation of the method of Triangulation, as well as the development of the theodolite and the fine mechanics of this device had a lot to do with the famous mathematicians and practitioners Gauss to do. He headed in terms of accuracy and in-depth Thinking of a new epoch in the science. The conceptually Developed went far beyond his time. He was also of the so-called reference surface of the celestial sphere (the optical magnification

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42

H

Z

X

V

T

R

L

Y

O

A

U

J

W

G

F

E

I

C

S

x

c

d

g

M

o

.

.  
.

One of other mode is to connect a fixed network of 23 different distinctive towers of places in the Netherlands (left) and signed, by the base magnification of the calculated distances between the individual locations

c

d

g

o

= Amsterdam

x

A

C

E

= Suffering

F

= Rotterdam

G

H

I

J

L

M

R

S

T

U

V

= Breda

W

Y

Z

= Op Zaam Beergen

**Fig. 12**

the celestial sphere of the mid-Heaven to the horizon), and for 10 years studied, but the cause could not find, because the Heliocentric view of the world, of which he is the math was bound to him for the solution of the problem is not released.

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43

**And how to measure the angles of the triangles?**

To do this, use a theodolite. It is the scope with the reticle exactly to the



vertex of an object and reads the degree of the angle on the horizontal circle. Then the theodolite is moved to the second object, reads again the angle and the difference of the two readings to the desired angle. This is

**A**

**B**

**C**

**a**

With the theodolite to the angle  $a$  between the observer B, where the theodolite centered, levelled, the point A and the point C is to be measured. This is the point of A targeted, the horizontal circle ( $360^\circ$  divided horizontal circular disc) is read, then the point C targets and, in turn, is the angle on the horizontal circle can be read. The difference between the measured angles, the desired angle

**a**

. You can see that because of the construction of the theodolite always only the horizontal angle to be measured.

(Today, it has replaced, for the purpose of simpler account of the  $360^\circ$  by the unit 400 gon.)

**Fig. 13**

the horizontal angle between the two objects, so the angle between the points on the plane of the horizontal circle of the theodolite is set. The fact that you can with a theodolite is always horizontal circles measures, the features of this device. To measure a slanted line up to the tower, a straight line Horizontal to the foot of the tower, and the height of the tower is a vertical triangle formed, so it is not lying in the Horizontal.

The Problem is that the angle between the oblique lines are not the same, as between the Horizontal,

due to the low failure are not observed. In all the measurements are of course many sources of error is hidden, but

can be leveled, if it detects them. Today, the technology is very advanced theodolite in addition to the

horizontal circle in a vertical circle to measure altitude angles.

**With such a precision theodolite in the sense of**

## Curvature of the surface of the earth measured?

Prof. Dr. Ing. High men shows in his book "geodesy" Leipzig, 1910, page 249, the figure no. 13, of

is, what the Target from place A to place B to happen. The theodolite shows the location of B in B'. Since the light beam in the rule, as with the straight line is adopted, the light beam in this case, bend, if a convex curvature of the surface of the earth runs out. As the cause is assumed that the beam of light, in passing through the different density layers of air bent or broken. You have one of these rays, refraction or diffraction refraction. This is a valid assumption, but nothing proven. It is an explanation of how it could be; if it is the further assumption that adds to the surface of the earth as a sphere convex curved. As a result, a certain constant value, based on the distance that the experience has found. With an exact measurement, has all but nothing to do and there is no answer to the question of whether the surface is concave or convex curved is.

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44

A

B'

B

The theodolite shows the location of B in our drawing for B

and if

he works with great precision.

**Fig. 14**

Page 249 - 250 of his book "geodesy", Prof. Dr. Ing. High men following important information: "For

usually must experience has shown that the light curve as a circular arc with a Radius of  $R_i = R/k$  to be understood. K is the so-called refraction constant, and R is the radius of the earth to understand. On page 250 of his book, printed table

shows the value of K (0,13). The correction is then for a distance of

500 m = 0,017 m

1000 m = 0,068 m

2000 m = 0,272 m

5000 m = 1,705 m

10000 m = 6,820 m

20000 m = 27,200 m

Professor Dr. Ing. High men, the calculation formulas for the

"Trigonometric height calculation taking into account

the earth's curvature and refraction", and says at the end, with

commendable brevity and clarity: The

refraction effect, therefore, of the (convex) curvature of the earth, contrary to.

This means that only the adoption of a refraction (refraction) to the

imaginary Straight almost exactly the

differences, such as the assumed convex curvature of the earth is

obtained. Thus, it is clear that the whole calculation on two

assumptions is based on the convex Erdvollkugel and refraction. Thus, the

calculation is only a useful

mathematical Interpolation.

You can see from the newly gained position once again, the figure 14, it is

clear that the sight line, the

over the targeted place to go seems to be, and as much as the reduction in

the imaginary convex

surface of a sphere according to the Gaussian constant (K) would have amounted to.

The target location B lies on the surface of a hollow sphere, so it is to

double the value above. Here is a

correct statement to make to be able to, should

the measurement results are evaluated and, finally, a refraction theory to

be developed in the mechanically

formed Straight lines to prove need.

The inaccurate data, for example, by Prof. Dr. wish for husband, in his

"manual of physical optics"(Leipzig, 1927)

, was by means of the value (K) be corrected to, led him to the conclusion (page 279): "The radius of curvature of the light beam is usually smaller than the radius of the earth, while in the case of the General's Rays break the seven - to eight-fold is." However, in the Horizontal exact results can be achieved, is due to the fact that you acknowledge the errors and to correct and, above all, the fact that short-range misses, where the value of (K) is small in comparison to the long haul. This fact shows a way to, using many of these short lines a long distance to be measured and the result of the long-distance measurement to compare. The differences occur, would, if you interpolations once that certainly interesting insights, in accordance with the classical erdwölbung measurement U. G. morrow's to be expected would be. Unfortunately, measurements with the help of mechanical measuring instruments are very time-consuming and therefore very expensive. Without sponsors, it would have been in the previous century, it was not possible, the many light - and Ether-measurement experiments, the finally, in the absence of money in the thirties of our century, was interrupted, because, in turn, is a war to the cultural progress of the disabled. This is above the main question is answered and the answer is, that with the help of the precision theodolites, no convex or concave curvature of the earth's surface was measured. With the help of the rays of light that was not possible, because the geodesy provided evidence that there is no straight-line propagation of light there. What's up today that is missing is one with the facts matching Refraction theory. You could, at least in a series of experiments in questions of the refraction of the light results and experimental use, but the main question remains, unfortunately, who are these Attempts

to perform will or should be and to what purpose, and who are the findings edited and secure, and who is going to pay.

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45

## Measurement experiments

Since the measurement of U. G. Morrow's 1897 with the Rectilineator the sense of Curvature of the surface of the earth as a concave proved, experiments with a short beam of 500 m in length, is useful to a Refraction theory on the basis of this Measurement to develop. It is of the following method is proposed: On a fairly flat terrain of about 3-5 km in length, with the help of a precision theodolite in a straight line is formed. Every 250 m, is anchored to a measuring stick in the ground and the level is measured. With the help of a fluid-filled communicating tube, is an artificial sea-level, in accordance with the Dipl. Ing. Seriously Zunkel-designed method. This route should be used for measuring tests over a longer period of time are to remain and control the can.

The values of the Gaussian constant "**K**" indicate that the relationship between the light beam and the sea level as an imaginary spherical shape of the Earth, at a distance of 500 m, a difference of 17 millimeters opposite the Erdoberflä

marriage arises. Doubling the distance to 1000 m, the constant "**K** quadrupled" on the value of 68 mm. At 5 km distance is a "**K**" is already 1,705 meters. Divided in 5 km in 10 sections of 500 m, thus, delivers 5 Times the value "**K**" of 0.017 m = 0,085 m. Compared with the constants for 5 km, this results in a difference of 1.62 meters. These values are based theoretically on the curvature of a Erdvollkugel and an approximately as a straight-defined beam of light. the Gaussian constant together. What is the meaning of the values under the

condition of the result of the Morrow measurement, which has a concave curvature of the earth determined? In any case, you could experiment and from the facts to the value of the curvature of Light to determine and refraction theory.

The cosmologist John Long wrote in connection with his efforts, Measuring to find solutions to the problem:

"No one is the importance of such continuing measurements with respect to the exact demonstration of the refraction of light contest.

Especially for the astronomers would be the Knowledge of the function of the propagation of light and the knowledge of the true shape of the Earth of vital importance;

because of this Knowledge, is it possible that the Form and structure of the cosmos are able to recognise."

Most of the people were from your face sense deceived, because they unaudited believed, what to do with the eye or the telescope saw. The fact that so many of today's scientists are proud to point out that the actual progress of this started, that the science of the measurement, the priority was, instead of the human senses, and experiences to follow, here were you in determining the Erdgestalt and of the entire cosmos itself on the sense experience "sense of sight" and as U.

G. Morrow. Ph. D. these errors revealed, was a correction in the "retracted teaching" of the universities and schools no longer possible. That this is a psychological Problem and not a science, it has already been pointed out and look very eye-retardant and leads to the error by optical illusions.

## **Optical Illusions**

The two most well-known optical illusions, with which every part of it has to do, are the celestial sphere and the horizon. Anyone who believes both recognize as reality, with no regard to the laws of optics, begins his mistake. The

self-deception begins to believe in the horizon of the curvature of the Globe to see this as evidence for the spherical shape of the Earth to call. Just as erroneous and unscientific, it is when the horizon-pictures of The surface of the earth from the All that a small circle on the Globe to capture as evidence for the spherical shape of the earth is known to be.

So, it is to judge when a scientific who sign pen, which is from the moon photographed in rich colors brilliant small round disc of the earth as a Globe call, even though you know that our human eye and optical devices at a certain distance, not spatial vision can convey. The normal human eye is the limit for spatial vision in about four hundred meters distance. Is the viewer an unknown and unusual Structure shown, the ability to spatial vision at around seven meters distance from. Professor Dr. Ebbecke researched this, presented in his book, "reality and illusion". One of its most interesting experiments was the painted representation of a colored human face hollow mask, the only the greatest difficulty as a hollow mask detected could be, because not only is the eye was unable, on the retina of the eye perceived surface area of the indentation as a hollow area to identify, but also the Unusual of a hollow elaborately painted face. A one-eyed, or a normal camera can be a concave (hollow corrugated) or convex (curved) surface of an object not identify. When you Look at an image surface, such as a photo, it can not a man to recognize whether the object is a solid ball or hollow sphere is. I got my hollow sphere globe to photograph and the photograph concerned submitted to the aft. Everyone can only

Ball shape, but not whether the curvature of the globe is concave or convex. This is a scientist from the physics lessons to be known or he learns quickly from experience or from others.

Because these optical laws were known, I was able to in a prospectus of the pictorial representation of the inner world as a sky-centric model in the Text to explain their Form and function back in the 60s, after the first

Publications of shots of the earth by astronauts from the moon with a camera were made,

write; ..." that no scientist of rank and name this color-intensive image surface of the earth as evidence for the

spherical shape of the earth call could.". And so remained until today in the year 1999. The physicist W. brown

treated this optical Problem in detail in the manuscript, accompanying scientific work at the time,

was released. It is really unfortunate and irresponsible, if in a superficial way by those unfamiliar with the Subject

in such a careless manner, with scientific and clarified optical phenomena dealt with is, either out of ignorance

or against his better Knowledge. This fits exactly to the above-mentioned sentence, that even children know that the earth is a ball

(solid sphere) is.

## **Conclusion and implications**

The measure of the geodesists, so you can see that with the help of the light beam and the theodolite

angle measurements, and with the help of mathematics, and trigonometry, the distance is to be calculated. As long as this is

on the surface of the earth is done and a base measure was made, these calculations of

reality very close.

Since the same methods for the calculation of the distance of the sun,



moon and stars, astronomers apply, as

The base measurement is correctly calculated the earth's radius, but with the angle measurements with rays of light, no Review can make, whether the calculations really are the numbers of information over a distance without proof of force, because of the angle measurement is used for beam of light is due to the experience never perfectly straight. Since the surveyors easier than the astronomers; for the object of measurement is the surface of the earth, this is accessible, and the measurement result is to practice verifiable.

The astronomers on the moon-a Chance, its surface with the help of wheel revolutions of the moon-cart-to - measure or with the help of the miles counter at the moon car. Unfortunately, NASA announced they were then known, and that the odometer is defective, it was. More was not to know, and if so is unlikely that such a technically simple device failed, so the only assumption that the values determined not properly recognize could, because with the expected values do not match. It would be very helpful, if one of these values of a as a defect referred to miles counter today, in original values know could. In the meantime, I received the Information that these values of all the moon landings to be released to. I'm going to get me the data and evaluate.

Angle measurements require a perfectly straight beam. For it is missing not only the evidence, but it is also highly unlikely that light in the assumed empty space over large distances fairly straight forward spread, because what the French Professor of physics and Nobel prize winner Maurice Allais, Paris, now 92 years old, a short beam of light from 8.30 meters proved, deletes all hopes of a straight beam of light; indeed, in

his experiments bent this short beam of light in periodic fluctuations of 1.5 mm. See the description of the experiments of Professor Allais with the light beam and the pendulum. (See reference)

U. G. Morrow has the assumptions and guesses about with its classic erdwölbung measurement to an end.

Its measurement is here, in this manuscript, illustrated, and of the physicist W. Brown on the Methods studied have been. The measurement is exceptionally accurate and well documented, and as a book today, for around 30 dollars, in the English language available, but only, as our research showed, in a single library in the world, designed in the Library of Congress, Washington DC signature no QB 638. T 255-40838.

### **From the problems of geodetic measurement**

A straight line on anywhere curved surface of the earth to measure, is not just on the surface of a sphere, whether it is convex or concave; for the Measure and Form of straight lines is particularly difficult.

In the case of the Measurement of the sizes of land and its topography is sufficient for the production of a Straight line in its line of Flight, neither to the left or to the right to diverge. Whether the surface is convex or concave is, does nothing to change the result. The measurement is initiated by one in the desired direction, the route with the red/white

- marked scales by defining and then with the help of the light beam, the standards focus. I said: you

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47

this line in the morning and checked this afternoon, that, these, with the help of the light beam formed line not straight. Because the standards in the same place remained, can consequently only what we beam of light call, have changed.(Experiment with the surveyor W. K. Wavruska and the

measurement Protocol.) The mean value is taken. As in the case of small distance to small deviations from the expected Straight line, it is possible to so the procedure. But when it comes to distances of many kilometers, so it must not be averaged, but also corrected. But this is so fine and has the great progress led. The calculated straight line makes no statement about the differences in height, these will be separately made with angular measurements determined and calculated. You want to make but will be a straight line and a horizontal straight line, then the standards are not sufficient, but the horizontal straight line on the straight line distance mechanically built, because the light beam on the basis of the experience just is. This requires an extraordinary amount of time, staff and money resources and, therefore, it was only once according to the method of U. G. Morrow's carried out. Who it bothers you, you may further measurements or advocate and advertise that such be done. Anyone who acts or speaks, is not a scientist in the sense of Galilei's. It's enough so don't just stretch to form, and then with the help of the proved not straight light beam angle to form and this distance calculations to use, because you transfer this method on cosmic scales, and accepts the values obtained without correcting to, as if the facts were, then comes the unrealistic, but the calculated result is out today as a space, with its infinity in space and time is presented. This imagination of the infinitely Large, the infinite Vastness and infinity, determined from the redshift of light, leads to illusions and false assessment of the livelihood of the people; because when a man of astrophysicists specified results believes and lives by it, so he fails in the Illusion and nothing is

proven, dimensions, and Numbers.

Of course, there will always be people to give, the possible fantasies intoxicate and this is like a confession of faith to proclaim, but in the end, however, the reality does not recognize.

## **Degree measurements as Evidence for the concave curvature of the earth's surface**

As a man over two thousand years after the first calculation of the Erdumfanges by the scholars of Erastosthenes, in turn, began the circumference of the earth to determine the distance between two degrees of latitude to calculate tried, it was agreed on a circumference of the earth is 40,000 kilometers. Later, repeated measurements, this result does not confirm, because new measurements for a variety of values provided. So agreed with the competent scientists on the correction 40,000 km plus 3423 km. (1922), The date, specified data to the circumference of the earth at the Equator are 40076,594 km on the Pole 40009,153 km. If you consider that the earth is not an ideal sphere or a hollow ball can be, and you only Grade trigonometric ausmißt and then calculated, is this the best possible thing to achieve was. Sure has changed this number on the basis of measurements over satellite. In any case, is that the degree of measurements are possible, and this opens up another possibility, a different method to prove whether the earth's surface, the inner surface of a hollow ball, or the outer surface of a sphere.

A  
B  
C

**CONCAVE**

**CONVEX**

Explanation of the drawing:

A, B, C = is Chosen, the concave Erdform to the top **together**, with a convex Erdform to the top of **divergent**. The A-to-B high-level is "concave" shorter than convex. The approximate sea level

between B and C at the end of a deep level in the two systems is virtually equal in length and can thus be used as a comparison object in the measurements serve

**Fig. 15**

How long is the distance between two degrees of longitude at the Equator (at sea level) with a diameter of the earth from 12756,776

km?  $12756,776 \text{ km} \times 3.14 = 40056,277 : 360 \text{ degrees} = 111,267 \text{ km}$  in length from degree to degree. If you measure the distance between the two degrees, but in 2.5 km altitude, as a result, full-ball earth and hollow sphere-earth the following

differences:

the Radius of The Erdvollkugel increases arithmetically in 2.5 km by 2.5 km, so that the diameter on 12761,776

km increases.  $\text{Dia.} \times 3,14 = 40071,976 \text{ km}$  circumference divided by 360 degrees = 111,311 km in length for 1 degree. The

Radius of the Erdhohlkugel is reduced in 2.5 km by 2.5 km, so that the value of the diameter is now 12751,776 km

is.  $\text{Dia.} \times 3,14 = 40040,577$  circumference divided by 360 degrees = 111,238 km.



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48

The calculated difference between the two to be compared Erdvorstellungen is 2.5 km height of 73 meters and provides the precise current measurement of the surveyor is not a Problem. Surveyors can use the endpoints of a Triangulation to the centimetre set.

## **Thoughts on the optics**

**Our eye as an Organ for the placement of the light impressions** is the physical phenomenon of light, not easy to explain, so it is in the explanation of the Sehvorganges of the arrival of the electro-magnetic vibration of light through the lens of the eye and the emission of the pulses on the retina even more

difficult, all of the linked operations correctly to classify and understand. Quite obviously, is the networking of our brain functions with what we are soul and spirit to name, much more intense than in the materialistic 19. And 20. Century, was conceived.

The pure pulse of light is as a small piece Straight through the pupil to the lens, and is due to refraction and deflection on the retina is guided to a small planar image of the great outdoor space as a chemical reaction to reproduce. The small piece is the measurement basis of human vision, and gives the direction from which the light pulse comes, when he is on the retina occurs. This registers the strength of the light pulse and the color values and these impulses to the brain. The miracle of seeing is the processing of these impulses in the brain to finally seen the outside of the image, which is up to around four hundred meters distance by spatial Seen with the two spaced eyes very well of the reality, and through the experience of Seeing supplemented.

People of earlier centuries or millennia, perhaps, of these things is not so much to know and to erroneous conclusions came, when distant objects are described and evaluated were, is understandable, but that people our time so do, as if they are objects, like the moon, about four hundred thousand kilometers an assumed distance by the visual sense organ, the eye plus brain in accordance with reality can judge, is easily done, because all the Knowledge is contrary to. (Read the explanation of the physicist W. brown) someone Should talk about that, but objects such as spiral nebulae, other universes and black holes, etc., see, can, the, has probably right, that one sees something, but this "Something" is, then, on the basis of assumptions, Hypotheses and theories are interpreted. With reality only in the above-mentioned restriction to do and serious is

if you have the conditions, among which such interpretations come. The scientists are this interpretation methods are known, but not the laity. It is the sense of sight, the man irritated, and it is the phenomenon of light; the quality of the wave in the Medium, the Ether, and also how corpuscles and therefore needs to this is all quite sober, that is exactly scientifically studied, so that the knowledge gained in the practical research work.

## **The horizon is a circle as the optical Basis of the celestial sphere**

The horizon circle closes, the real Basis for the study of the Earth and the celestial sphere. This not only visually round piece of earth we stand as an observer, and form the optic center of the surfaces of the room to us. Nothing works without this place, on the movements of the heavenly bodies are. But what is the horizon represents? He is the optical Sehgrenze of the beholder. Using a telescope, so the horizon is extended. Uneducated have often in the past, in the horizon of the curvature of the Globe is suspected. The height of researchers Piccard looked up from his balloon in 30 km altitude is still on the horizon, similar to everyone today with a flight of about 10 km altitude can see. Piccard described the surface of the earth like a big bowl of it to eye level. What is the height hears this view of the horizon? Unfortunately, heard or I read nothing of the astronauts about it; because, as the earth is optically coupled to a small disc with a high light intensity must be of a certain height with the Transition from the Horizon to the disk of the earth be done. Look at the shown on television films of approximately 200 and 600 km altitude of the space station, working astronauts, so it seems that the horizon is still at eye level are Very special difficulties had the astronauts with what they, as a horizon on the moon perceived. A horizon how on earth was it not, for it was all very different. The images

of the moon, some suspect. There was above all, no atmosphere, and the estimation was not possible, because the light conditions, different goods, and no trees, houses and well-known objects of comparison were visible, the Compare allows you to have. I experienced this uncertainty in the Estimation of distances and sizes of the stones or rocks in the high mountains. Without a comparison object, at least one of the people, was an Estimate is not possible.

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49

## **How is the horizon?**

It is a fact that he is the optical Sehgrenze represents, and it forms what we as a horizon to see, on the vault of the retina of our eyes. Since each Sehzäpfchen of the retina to a certain size, the visual angle of an object is crucial to the this object in the eye on the retina forms. Decrease the size of 1 arc second, so the object is only as a point perceptible. All of the objects, surfaces, bushes, trees, houses or other living creatures, under this angle, only to be seen to merge in the height of the eyes, in the distance, the Sehgrenze to the horizon line. Extends an object about this eye level, so you can see the upper part, while the lower part with the horizon line merges. Towers, mountains, and Chimneys or masts of ships, the smoke of the Chimneys, etc. remain visible, because they have a larger visual angle form. The figure 5.9 represents schematically. Even in the extreme case of an absolute flat surface would have the bottom part of an object on the horizon is invisible, and it would create the impression that the area behind the horizon in the distance, lowered have. This includes the layman or the ones with the principles and laws of optics are not familiar, the invisible area behind the horizon lowered have had, and thus,



the visual impression  
is confirmed, as if the earth's surface, the outer surface of a sphere is. As  
the diagram shows, we See an  
optical process, the Organ of the eye, and See  
through the nervous system, the brain, the mental reproduction, and  
Understanding from experience and interpretation possible.

1

2

3

4

1

2

3

4

Retinal Coat

THE-EYE

The Earth Surface or Ceolinear Extense.

The Horizon

Appearance

"down"

5

5

a

a

a

y

y

w

w

B

b

x

f

g

h

e

DIAGRAM No. 1. IlluatraSiRe "Tb< Laws of Visua! Impression."

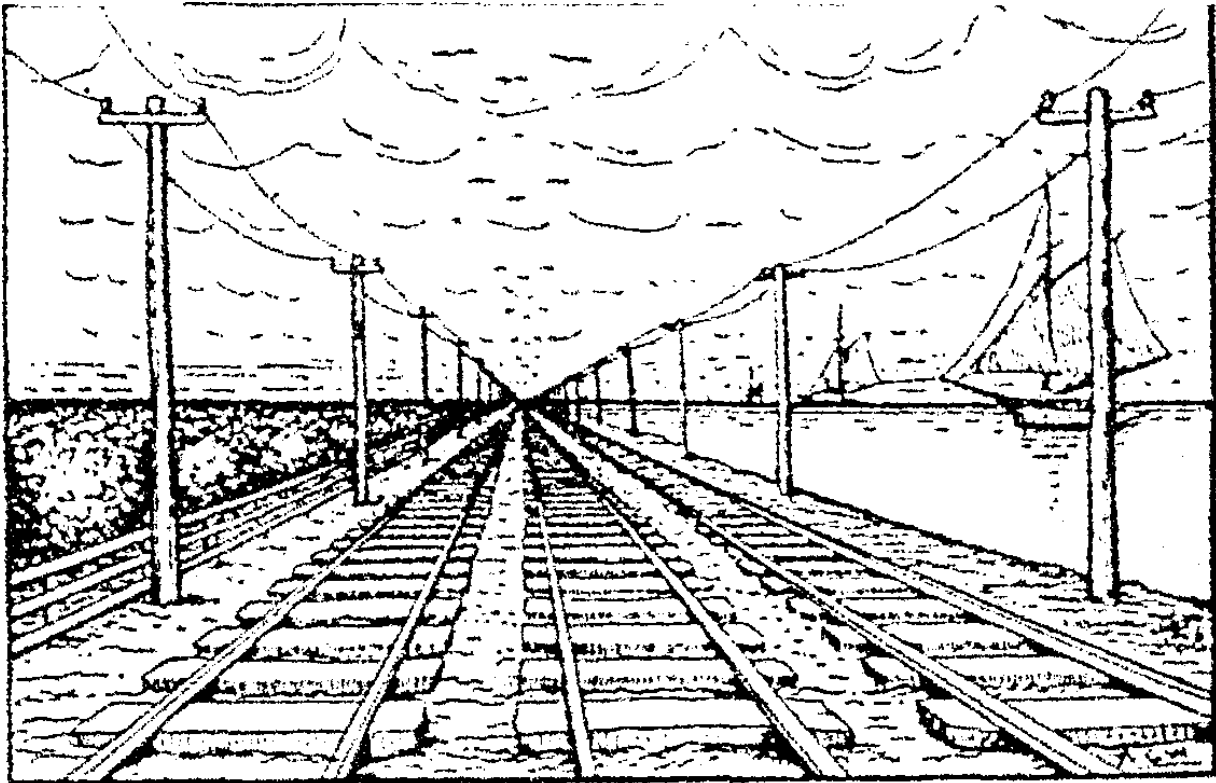
**Fig. 16**

The figure also shows why the horizon is always at eye level is: Because

he as an optical phenomenon in the eye formed  
is. Thus, an optical phenomenon such as the horizon is no evidence for the  
hollow spherical shape or a spherical shape of the  
earth.

A  
B  
C  
A  
B  
C  
a  
b  
a  
b  
c  
c

**Fig. 17**  
The imaginary line from the horizon to the eye runs almost horizontally,  
because the horizon is, according to experience in



Eye level, because it is in the eye of the beholder. If the level is horizontal, remains, as in the above sketch 5.10, so must the perspective reduction of the distance eye level-the surface of the earth with increasing distance from the image of the surface of the earth, in the above case, the rails, masts, the bushes, the sea surface and the ships were getting closer to the optical axis embarrassed, so concave bulge. The optical reduction in the size of the items and surfaces at a visual angle of 1 arc second in the horizon line.

The schematic sketch of the eye and the Imaginary rays indicate that in the case of A Telegraph pole, and in case B the second, and C the third. According to small, the image of impressions on the retina of the eye, until you are under the perception limit.

The third ship on the horizon is the hull invisible by merging with the horizon line, and only

the top of the mast remains visible. Optical phenomena of careful interpretation need to be in compliance with the optical laws.

Therefore, especially astronomers and astrophysicists in the interpretation and assessment of the

seen, or photographed images, the Knowledge and the practical experience of the science of optics

apply. You should not go unchallenged tolerate the horizon as folk "proof" for the full spherical shape

is called and not the photographed image of the surface of the earth from the moon. These recordings were as a

triumphant proof of the now proven the correctness of the General scientific represented the theoretical

idea of the space count.

The lay person may respond to this optical phenomenon, because he takes what he sees for the reality. The

scientifically educated researcher is given the task, the image of the earth's critical to consider an application of the

well-known optical principles and laws. See also the discussion of the

physicist W. brown on this topic.

## Geometry and the morrow measurement

A

B

C

D

E

A

B

B

C

C

D

Fig. 1

Fig. 2

**Fig. 18**

The Fig. 1 shows a Straight line from C to C, where it rests on the surface of the earth. The line A-D shows the vertical to and the difference to the concave surface of the earth. Fig.2 shows the Creation of a straight line C D or D e. The diameter A B, and the Radius and D show the vertical plumb line on which the measurement plays an important role.

A

B

C

W

O

E

W

E

8 000 m

8 000 m

1

2

3

4

5

6

8 m

Drawing No. 8

0 — place of the Antangs the straight line next to a water surface of the earth, W '• water surface

E — endpoints of the straight line in 8 kilometers of distance A B C " = part of pieces of straight lines

1—8 ==• the beginning and the end of the part pieces

### **Fig. 19**

The figure 19 shows the breakdown of a Straight line to the hollow ball-Erdform. The measured differences are in the range of meters, and therefore lead to absolutely clear measurement results, such as the critical representation and theoretical Review of this measurement, by the physicist W. brown in the here presented work, "The Classic

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51

Geodesy by U. G. Morrow, in 1897" shows.

G  
S

**Fig. 20 The Inner World The Strength Of The Image**

## **Professor Sexl and his students at the University of Vienna**

The reader right at the beginning to show that he his not a figment of the imagination wasted a memoir of a high school teacher, Professor Dr. Roman U. Sexl from the Institute for Theoretical physics at the University of Vienna.

One of his students sent him a place in the English language of a translated work of a German-led by Italian geophysicist on the earth hollow sphere model of the cosmos. Knew Professor Sexl that this world model in the United States as a result of a measurement on the earth's surface, which then is presented with the reality, as the same was? He began a question for this model of the world to care?

Anyway, he used it to his students in order to challenge this hollow sphere model of the cosmos as absurd to

refute.

But to the great astonishment of the students, the mathematical Irrefutability of the earth hollow sphere model, and Professor Sexl published his didactic experiences on the combination of philosophical and mathematical problems, and called the world model in the Form of the earth a hollow sphere (the current name of the sky-centric model of the universe , or in English, "Celestro Centric System" as one of the most charming alternative views of the world!

Professor Sexl obtained all the accessible literature in the United States and Germany, was present and settled in Germany, built about 0,80 meters in diameter, large electrically powered model is to demonstrate the day and night, the seasons, the phases of the moon, the eclipses of the sun and the moon and the satellite flight is.

From him received the representatives of the inner world-the theory of the extraordinarily important confirmation that the hollow sphere model of the cosmos, with proper Transformation from the model of a spherical earth is mathematically absolutely is irrefutable.

Read the publication of Prof. Sexl, excerpts reproduced here, which he dedicated to his friend Prof. Dr. Phil. nat.

Wilfried Kuhn (1983), Director of the Institute for didactics of physics, Justus - Liebig-University of Giessen held. ( Note:

Professor Sexl used at that time still the old one from Johannes Lang coined the name "hollow earth theory ", and now also by the term "inner world" theory has been replaced.

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52

## **The Hollow Earth Theory**

Roman U. Sexl, paper presented at the annual meeting of the German Association for the promotion of mathematics and science teaching, 1983 in Tübingen.

(Reprinted in MNU)

My colleague and friend Wilfried Kuhn to 60. Birthday dedicated to.

The hollow earth theory is a Physical theory, the 19th Century in the United States and in the 20th century. A century is also represented in Germany was. According to her, the earth is a hollow sphere in the interior of which we live, and also where the stars, the sun and the moon are in. This theory sounds completely nonsensical, and you think, with a few short arguments to be able to. It shows, but soon that there are so detailed Considerations on the difficulties and an experimental refutation of this theory in a condition suitable basic laws of physics at all, in principle, is impossible. In order to open the interesting aspects with respect to the transverse connection between physics and philosophy, the question of the correctness of the physical world, as well as the provability of theories by experiments.

### **The magic of the hollow world (today: inner world cosmos)**

One of the most beautiful motifs for the employment with the physics lies in the combination of exact mathematical representation with deep philosophical questions, with questions of the origin, history, design and fate of the universe.

In Cosmology is the separation between the two "cultures" of C. P. Snow describes (1), repealed, or between the "two States of Mind", the Robert Musil in his "man without qualities" of the following characterizes:

"So, there are in reality two States of Mind, which not only fight, but usually, what is worse, exist side by side without a word to go, except that they have each other to insure that they are both desirable, each in their place. The content carefully, and keep to the facts; the other is not content, but always looks to the entire Whole, and derives its knowledge of the so-called eternal and the

great truths here. A win at success, and the other to the extent and Dignity. It is clear that a Pessimist also could say, the results have to be worth nothing, and the other is not true. Because what starts you on the day of judgment, when the human works are weighed, with three treatises on the formic acid, and if it is your thirty would be?! On the other hand, what we know from the recent day when you don't even know what's all up to the formic acid can be?," (2),p. 248

"The combination of precise mathematical and experimental analyses with epistemological, theoretical, philosophical, historical, humorous, and key considerations of this world does Not, if the physics of the learner, not as a science are set out in a remarkable way, nothing is clear", such as Musil, the first Chapter of his book designates. As necessary, the amalgamation of different worlds for a truly in-depth understanding of the physics is here at one of the most curious and enchanting, "alternative views of the world", the hollow world theory, are shown. Then, writes Prof. Sexl, what is his confidant M. Gardner, USA, to him on the activities of the American physician Dr. Cyrus R. Teed reported. Dr. Teed was a devout practicing Christian, as a result of the Theo-centric model for the world of the Bible-informed and do not agree that God's creation, as well, with the philosophers of the 19th century. Century adopted, as a random product of cosmic disasters appear to be. Dr. Teed led optical experiments on a straight, mile-long channel, and found that either the light beam will not just be a could, and, in addition, that the surface of the earth is concave (hollow) arched his needs, though the astronomers, the opposite is determined to have believed. Teed gave lectures and gathered to a religious community that was ready,



to the honour of God the scientific evidence to provide that the creation of God as the heavens and the earth looks like in the Bible described as "Cellular cosmos". The community collected money, received Land in Florida to a German immigrant named Kofler, and was looking for a Surveyor, a measurement on the surface of the ground plan and

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53

in the situation was to determine whether the surface of the earth is a convex or concave curvature, in order to conclude as to whether the earth is a sphere or a hollow ball.

Never before in the history of mankind has such a measurement is performed and the scientists of

geodesy held such a measurement is not necessary, because the optical image of the horizon, the evidence to provide seemed that the earth is a solid ball could be.

This measurement s in order, Dr. Teed'by, was a Professor U. G. Morrow.

You can read the report of the measurement. in the year

1897. Unfortunately, M. Gardner from this measurement, a Professor Sexl probably nothing was reported or could be the scientific data do not provide.

Professor Roman Sexl mentioned this measurement, and dealt only with this earth hollow sphere model on the Basis of the theoretical physics.

Scientists in the field of geodesy and astronomy took from this measurement, no knowledge. In this respect, is not to conceive, because these measurements are of particular their knowledge to a new Foundation was; for the planets and the stars were now not in theory in the infinite Vastness of space, but relatively very close at a height of about six thousand kilometers.

This scientific Problem was immediately after the announcement of the results, the surface of the earth is concave, so hollow

curved to a psychological Problem; after all, what could be, couldn't be. So Incredible, something happened almost. The book by Dr. R. Teed, and U. G. Morrow, "The Cellular Cosmogony" in the detailed description of the measurement morrow's scientifically documented was "disappeared" so thoroughly from the libraries, and was in any University library to find it, so that it is by any Professor or student in any of the library can be found. After an intense Search took place a librarian this book in a single, however, a very prestigious library of Congress library in the United States, nowhere else in the world. Antiquarian however, it is to be found occasionally in the United States, and since the 70s as a reprint. Unfortunately, the students could not read the Original. Professor Sexl was based mainly on the German literature of John Long, of the very accurate term "Cellular Cosmogony" in the hollow world theory, transformed, because the earth is a hollow spherical shape. The important contents of the celestial sphere in the centre of this conceptual unfortunately excluded. While in the United States, the religious community "Koreshan Unity" for the glory of God and his creation lived, and according to Dr. C. R. Teed with regard to the measurement hardly anything in the world image in question Scientific happened, were in the twenties and thirties of the twentieth century, many people in the United States, under the leadership of the U. G. Morrow, and in Germany with this picture of the world. Particularly, the writer John Long has found a large readership, as he had understood, the scientific problems in a logical and comprehensible and to a solution to lead by the so-called hollow world theory developed. Lang's successful public action was in the thirties. Because he refused to accept the Hitler system and with the Americans corresponded, and these ideas of the national socialists suspicious, because they are from America,

came, was Long observed, as was his associate Peter Bender, and as a politically unreliable considered.

After the England flight of Hitler's Deputy Rudolf Hess 1942 Long and Bender were taken to a concentration camp in. During Long-after a short period of time was released, had Peter Bender difficulty to come, because in him the Material and the correspondence with the American Koreshan Unity had found, namely, Hedwig Michel, the Frankfurt Jewish family came from. Peter Bender died in a concentration camp. The national socialists rejected Langs hollow world theory, and tried to never contact with Long-restore, except for the detention. This is to clarify some of the sensational depictions, as if the people of Hitler's any Benefit from the Knowledge of the hollow earth theory had had. (From oral Reports of Johann's Long-and my own experiences)

After this remark, and the partial extension of the Information about the origin of the heaven-centric view of the world, here's a hollow world called, began Professor Sexl to his students, the hollow world theory to present. Very thoughtful but you were, as you were told, on the basis of their knowledge of Physics to this alternative world is strange position to take, to the statements of the so-called hollow world theory to refute.

Professor Sexl reported further:

"The uniform rejection is soon due to some recurring objections. Usually, the following issues are raised:

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54

- What causes day and night?
- How is the horizon?
- What explains the force of gravity?
- How can the smaller sun the necessary energy?
- What happened to the moon?

The images of the earth from space clearly show a solid ball? These are the most important of the recurring objections, which in the lecture on the basis of a slightly modified Form of the hollow earth theory treats and be rebutted. (The classification of these deviations is discussed in section 3 treated). to the extent that the objections to the propagation of light and the formation of day and night are related, you can through the note on the illustrations easily be rebutted. They show that light rays on circles spread, which is always the center of the earth go (mathematical specification). Here, is the speed of light not constant, but against the center of the earth towards the square, so that this point in the world, never by light is achieved. The law of propagation of light also explains the existence of the horizon and can see why the earth from space seen as a full ball appears. This optical illusion is also on the laws of light propagation due.

Easily, all questions with respect to the movement of bodies in the hollow world theory to analyze. The Newtonian equations of motion is not entirely correct. Rather, these equations read as follows:

Where

$$\mathbf{r} = |\mathbf{x}|$$

the distance of the considered point from the center of the earth is

And

$$\mathbf{R} = 6370 \text{ km}$$

the radius of the earth indicates. In the case of Gravitation is the corresponding force expression for the gravitational field of the earth, for example, as

in formula (2

Of course is not the same to see that the now newly established "Long's equations of motion" in fact, the orbits of the celestial body correctly, and also to the motion of terrestrial

objects can describe.

Usually, the students are prepared, however, to accept that the calculation of the web forms easily with the help of a computer, can be carried, in fact, to results that are in agreement with observation.

But how is it now with the moon rocket?

Note: Professor Sexl for the calculation of the sizes of the celestial bodies in circular orbits curved

light. This is an assumption, at best, a theory and not the practice proved. On the basis of such

assumption, the calculated sizes of the celestial bodies on the small side, so that it is in aid of the science branch

morphology, a correction of the invoices, the request must. So Professor Sexl its calculations on a

diameter of the moon is 1 km away. The distance from the center of the earth should be around 3000 km. Formerly of Long and

other calculations were based on mathematical assumptions such as the circle, for example

such unlikely results with the forming of the nature is not consistent. You have to remember that it is

a cellular cosmos and the laws of the morphology apply. Here are the typical problems of

NurMathematik on that no adjustment is experiencing, because the mathematically detected object is not directly investigated, can be, be it that it is too big, too small, or too far away.

In the case of the heaven-centric view of the world model built was the morphology taken into account with the assumption that the

moon has a diameter of About 200 km have. This would result in a circumference of the spherical Moon of over 600 km. A respectable size, with everything from the moon on the television and shown on pictures of the astronauts is quite emotional

during expeditions on the moon was said to be a good fit. NASA had a moon survey

prepared in this respect, as in the moon car odometer (Miles or meters)

built-in was. Because of this, the expected information is not provided, the relatively simple technical device as defective explained. Here there was a real Chance, the size of the moon to measure. But be sure to rest the data is still in the archive and are accessible. What is today in the year 2001 as values is specified, coincides with the statements made by the astronauts during their lunar stay not match

Read the Chapter about the moon landings.

Professor Sexl solved the Problem of the moon's size with the help of the theory of relativity and the mathematics in a curious way, as follows: When the moon is only 1 km in size would be, then would not the moon lander and the man oversized work? This stands in contradiction to the viewed images; because everything here looks normal.

(1)

(2)

F =

rx

mMG

R

4

m

F

x - 4rx

r

2rx

r

6r

2

x

r

2

r

2

R

2

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55

If the body is in proximity to the center in their size, shrink, is mathematically this relationship in the expression

$$L = L_0 \left( \frac{r}{R} \right)^2 \quad (3)$$

summarized in the L<sub>0</sub>

the size of the object on the surface of the earth means.

This mathematical law surprised at first, but there are in other areas of physics related

phenomena. So can a number of objects, for example, also by the influence of temperature, extend, or through the influence of the speed shrinking, as the theory of relativity teaches. Anyway, can the remarkable formula (3 now, to

explain why the people and objects on the moon so small had; for, in the case of a 1-km-wide moon would be according to the bill, a person is only 3.4 cm tall.

Note: one can argue with the help of the theory of relativity, the Theoretical physics. Anyway, there are mathematically nothing to shake that it could be.

Much better would be if the moon is in accordance with the science of Geometry, measured would have been, but lacked the time

and the equipment.

Professor Sexl reported: Approximately one to two hours, usually takes this dialogue, with the all the objections raised by the students against the new world image sets will be able to. The atmosphere in the lecture hall varies between Resignation and indignation. The year-long study of physics allows it, such a senseless seeming assertion that the earth is a hollow body and enclosing what we as a universe of experience, in just a few minutes from empirical reasons to exclude. So far, all as a proof of the Copernican theory appeared, is now to the proof of the hollow spherical earth as a Form of the cosmos. If it is true that the usual picture of the world of physics, experimentally demonstrated, so have the same experiments now the hollow world theory proved. The empirical view of the world, the students of physics for his work in the internships and laboratories, as it were, in flesh and blood has passed, begins to falter. If theories on experiments are constructed, and experiments to follow, so it follows from the same Experiment, suddenly, the hollow earth theory.

Editor's note: it is Precisely at this point of the investigation clearly shows the connection from the mathematical model and the reality, because the mathematics describes the reality according to your method.

**Thus, from these experiences, the Dualistic world model born: From the theoretical part of the calculation model and the bio-physical part of reality.**

It began with the application of the so-called Transformation of the reciprocals of the radii. By this Operation, the mathematician, the space outside of a sphere in relationship with the space inside this ball, hollow ball thought.

This was a mathematical progression by Professor Sexl possible, and he developed the following laws. To do this, he reported further:



To the laws (1,2,3,) to arrive, it is only necessary, in all the known laws of physics, the transformations of the inverse of the radii of carrying out

$$\frac{r}{H} = \frac{R}{r} \quad (5)$$

where

$$\frac{r}{H} = \frac{r}{K}$$

the distances from the center of the earth in the hollow spherical earth, or in the Copernican view of the world mean. Thus, a picture of the world in the other transform. If the Copernican view of the world experimentally is irrefutable, so this is also for the model of the hollow earth theory. The change in the topology, the Transformation (5) causes is, by the boundary condition (4) we are here for the wave functions is formulated, re-corrected.

$$\psi_j(x) = \psi_j(-x) \text{ for } |x| \leq \frac{\Delta E}{\hbar}$$

(4)

The mystery is solved and the hollow world now appears only as a mathematically equivalent Form of the Copernican view of the world. Both can be mutually transformed. In the lecture, everything leans back, satisfied in the seats. But then the next Problem: The usual picture of the world of physics experiments established. The same

experiments support the hollow sphere model of the world. No physicist can, therefore, of the view disprove that the earth is a hollow body, on the inner surface of which the people live. Why not teach this view in the future as equal in the school, or if no,?

To the hollow of the world to the new school as an alternative view of the world, the in the Bible, and in better accordance than today's idea of the World?

Basic problems of the theory of science for the students of physics-of-date. On the professional honour Packed, the

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56

Listeners will get a list of arguments against the hollow world theory together.

In 1962, appeared a book by the head of the Observatory in Bochum, Joachim Herrmann, "The wrong of the world", which is a critical study of astrology, world eislehre, hollow world theory, habitability of the sun, flying saucers, and other astronomical heresies contains. Herrmann says: "of Course, would be a space in a hollow spherical earth is not possible. In the moment that the first missile of the earth not only to stitch flights in the atmosphere, but hundreds of thousands or millions of kilometers to leave them, would be of the arbitral award on the idea of a hollow spherical earth as a final, but also for the not astronomically Savvy like that.

Millions have seen the small art Monde with your own eyes in the sky. The time of the hollow earth theory is finally over. (S 116)"

So easy is not a refutation of the alternative view of the world. A refutation in the sense of experimental evidence to the contrary, it may, as we have seen, not at all give (or he would, therefore, also the usual picture of the world to disprove).

This issue is also of importance, because they are typical of many conflicts with the "alternate world" is that of "misfits of science" is often proposed. As a preliminary remark should first of all be noted that the systematic mathematical treatment by the Transformation the inverse of the radii is not typical for the emergence of such an alternative view of the world is. Most experimental evidence for the new views are sought. within the given rational design of alternative images of the world provides this as an incomplete Transformation of the standard world image. The transformation equations (5) are not all phenomena applied, but it is usually a part of the old physics unchanged.

Now back to the science theoretical objections against the model of a hollow spherical earth.

What are the objections to be raised in the lecture, most of them against the wrong "of the world"? After it is clarified that there is no experimental refutations may be used as reasons for the preference of the Copernican view of the world, mostly called:

- a) simplicity
- b) clarity
- c) arbitrary freedom

To state the grounds of a), it is indicated that the laws of motion (1) in the hollow world theory is far more complicated than Newton's laws. Two theories that explain the same facts, however, the simpler Preferable.

This Argument contains a grain of truth, but it is also problematic. For example, the deviation of the mercury's orbit of the Newtonian Ellipse to explain, you might in place of the complicated theory of relativity as well, a simple modification of the

**1 / r<sup>2</sup>**

-Law of change of the exponent used. Would this

Argument not for the replacement of the General theory of relativity by easier-to-understand theories speak?

As a key Argument for the Copernican theory, it is now led the presentation to the Meeting. In it correspond to the theoretical explanations much more direct to the appearance, as this is in the hollow world theory of the case is. But is it really so vividly, that the sun is a giant glowing Disaster? Does not correspond to a much smaller moon's far better to the impression of a starry night sky? With respect to the arbitrary freedom, it is argued that in place of the Transformation, as well as many other transformations of a set, that could be Alternatives to our Standard world image. So you could also have a theory with a flat earth construct. Could not be a representative of the hollow world theory, conversely, believe that the Copernican view of the world is only one of many arbitrary Umtransformationen of the hollow world? In these arguments, and responses showed the uncertainty of the science, theoretically, not trained physicist attacks, when he issues involved, the foundations of its area of concern, but not easy to experimentally decided to be. It shows the need for a theoretical and historical foundations of the discipline, by Wilfried Kuhn is often emphasized, in his books in the past. Fundamental to any theory of the symmetry groups. These symmetry groups enable namely, results of the associate, in different systems, by different observers or at different times, were recovered. The numerous associations, which result from the structure of the group, belong to the

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57

main predictions of the theory. These forecasts are due to their Strict and

flush a falsification particularly easily accessible.

A very instructive example of these Considerations, the history of the theory of relativity offers. In the aether theories, there were no excellent point in Space, but an excellent speed, so an excellent reference system,

namely the one in which the Aether is resting. The extent to which the aether wind, the movement of the earth through the Ether cause should, the test results are influenced, was a question, mainly experimentally to solve was. Therefore, also tried a countless number of experiments on different bases, the motion of the earth through the Ether to determine. The negative output of all these experiments was in the aether theory, each Time by a suitable modification of the

basic equations, such as, for example, by the installation of the Lorentz contraction, conflict has to be interpreted. But would it have been also any positive results of these Tests within the aether theory, a satisfactory explanation can find.

During aether theories, therefore, difficult as wrong can be recognized by a is the position in the special theory of relativity completely changed. Here, if the Ether as an Element of the theory of education, and a much larger symmetry group, the Lorentz group, characterizes the structure of the theory. Now follows of necessity, that no Experiment, the motion of the earth through the non-existent Ether can determine, and it follows equally necessary, and that, therefore, the output of each Experiment must be independent of the speed with which the laboratory is moving. Here now is the negative output of all the experiments, the determination of the earth moving in the Aether, set a goal to have a convincing explanation. But would be a positive outcome of the experiments with the theory completely incompatible and would be a falsification of their bases mean. Therefore, the theory of relativity, the ether theory, a

scientific-theoretical point of view, think about it. This is at least a possible position of the "theory of dynamics", as the historical separation of different physical theories, in this case, to describe how to do.

Very similar to the hollow world theory: In it there is an excellent point in Space, of any spatial symmetry group is prevented. This also applies to the Aristotelian (Geocentric) view of the world, in the center of the earth, however, the surface of a sphere earth) was excellent. With the "Copernican turn," the Transition to a theory with a larger symmetry group, and thus increased the possibility of falsification.

These historical and theoretical Considerations, here we have only the example of Popper's philosophy are presented. In a similar way, you can now also use the statements and arguments of other theorists on the hollow earth theory and similar cases applying and exercising. It is always a profound emotional experience, which many students of physics, the empirical Irrefutability of the hollow earth theory as the driving motive of further studies in the Background. Shows once again how a didactically useful in selected starting point is an essential and specific motive for the exploration of new territories and unfamiliar arguments can be. Physics, didactics, history and philosophy of science are merging into one unit.

The full lecture is available to Interested parties.

Conclusion to the lecture of Professor Sexl

Compare the remarks of the head of the people Bochum Observatory, the astronomers Herrmann with the findings of Professor Sexl, the sovereign to be subject dominated and clearly notes that the hollow earth theory is neither with phrases with the tools of mathematics to debunk is, Yes, he even shows an important connection between the two theories by

performing that both representations, spherical earth, and hollow spherical earth through the Transformation so closely connected that in case of false rejection of a representation that the other is wrong also. It is just as if a Person or an object in front of the mirror is considered. You prove that the Person or thing is wrong, so, of course, the mirror image is false.

Is the sky centric view of the world (hollow world theory) with his erdhohlkugel the form of, for example, the mirror image of the Copernican view of the world, with a spherical earth, or is it the other way around, that the biological Structure of hollow ball-earth and its mathematical mirror image in the excellent computational model of the Copernican, Kepler's, Newton's representation? What is wanted for the Thousands of scientists, as the cosmos explored? You went to the mathematical

**description of the world of reality with the tools of mathematics. If all of the experiments, the physics, the mathematical model of the cosmos and the biological model of the cosmos to confirm that we have here the synthesis of the two world picture of the models to a dualistic model to grow**

**together.** This realization of the physicist Wolfgang Braun, the important parts of this book is scientifically supported, or is, made the scientific breakthrough,

so that Professor Sexl, as he W. Brown in the United States published essay las, decided, at the time, the so-called hollow world theory to his students so that their knowledge and the limits of

mathematics and theoretical physics were.

Is still valid today as ever, that the Experiment, the decisive action that is measured, where

possible. The result of the experiment but is the basis for further research, and is not a theory

rebuttable; because where there is clear evidence is available, the desired

goal is achieved, namely, the reality to recognize.

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58

So is the representation of the most important experiment of the last three thousand years, the main theme of this book, and the most important part at the same time. This result proves that the hollow spherical shape of the earth with their biological contents, including the sun,

the moon and the stars in the firmament, as a fact has been proven. The excellent computational model of Copernicus, Kepler, Newton, and all of the many researchers that this model is well-founded, remains what it always was, the correct mathematical mirror image of reality.

Literature on the lecture of R. U. Sexl:

(1).P. Snow: The two cultures, Stuttgart, Klett 1967.

(2) R. Musil, The man without qualities, Reinbek bei Hamburg: Rowohlt 1960.

## **The Dualistic View Of The World Model**

A unit from the computational model and the biological model.

The physicist W. brown writes: “the models are thought aid to scientists and allow certain questions to answer and some of the statements to get.

The picture of the world model, according to Copernicus, Kepler, Newton, can not be certain of the statements to questions about God, the Creator

of the world and the sky make. This was to a large defect, a calamitous for the religiosity of the

people, for philosophy, for the Understanding of the meaning of the world and the meaning of life of the people in Particular.

The last four-hundred years of human history have brought enormous advances in technology and

material progress, as never before in a reasonable period of time in the past.

The loss of Faith in the Creator God and the discard of the world-image of



faith, that the Creator God high up in heaven on his throne taught, led to the decline of ethics in our culture. Failure to follow the Ten commandments, which a natural Minimum of conduct of the people are asking for, without the human communities in prosperity to flourish, was to resentment and envy.

The consequences of this were an ideological alternative religions, the fanatic, the people, and made a murderous enemies.

With the help of technology and the many scientific achievements were due to the rampant

wickedness of the rulers and their servants, so many people killed, raped and sold like never before in the manageable story.

These are the devastating consequences of a mistaken view of the world model, it is believed, because the school taught, and the Public was represented, it was the reality.

Now that the model character of this mathematical model of the world, recognized, and many people have guessed

that the cosmos, or at least the earth, something Biological is, it seems that the time has come to be that the person is, the idea that the world was a primitive machine. It is sensitive to the Biological, to

the cosmos as a Living thing. Especially strongly expressed this new Feeling in the interests of the environment as the basis of life to protect and maintain it.

The measurement of the earth's surface by Prof. U. G. Morrow and Dr. C. Teed in 1897, in Florida, USA, proves that the whole of the

visible cosmos of the shell of the earth is surrounded; this is because the surface of the earth was in this measurement, as a hollow curved (concave), and this means that the whole of All with his

Copernican view of unimaginable proportions located

in the inner space of the shell of the earth is surrounded. The-before-seen stars in the sky is in

reality a ball in the center of the Erdinnenalls, to which the fixed stars in

their fixed place. The sun and the moon are much smaller than on the basis of assumptions, the calculated size. These statements are not in irreconcilable contrast to what science is in the course of centuries, the tough rings are developed and recognized? Not to stand here two pictures of the world that are just as incompatible as fire and water? The organic, natural world-image of the inner cosmos is compared with that of Copernicus-called scientific view of the world, based on mathematics and physics? Does not exclude the other? What are the two opposites appear, the hollow spherical shell with inner cosmos and the solid ball of earth with the outer cosmos through mathematical Transformation is so closely that there is no world model by the other mathematically refuted can be. The opposites disappear when the so-called "Transformation by reciprocal radii" to help take. By this Operation, the mathematician brings the outer space of a sphere with the

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59

possible interior of a hollow sphere in relationship. By this Transformation to the Copernican view of the world is applying an opposite concept of the World is possible with the organic, the natural image of the inner cosmos and the world of the Bible agrees. Stick to the laws and correlations obtained by Kepler and Newton model were found. But the vast distances of billions of light-years, the infinite Void and the apparent futility are gone. one recognizes the celestial sphere in the centre of the inner world and understand that this Transformation is the straight light rays of the Copernican approach to curved beams. It follows, then, is the fact that the fixed star ball in the center of the inner world through the

propagation of light in the Form of curved light rays are not only visually enlarged, but to an optical vault of heaven is also against the horizon of the sky areas and the discs of light from the sun and the moon enlarged appear. From the in the All assumed constant at the speed of light, the Copernican theory, after the Transformation towards the center of the sharp decline in the speed of light. This explains, for example, that the duration of a beam of light from the sun to the earth approximately 8 minutes, the distance is much smaller than the Copernican theory. A probe to Mars is known to have several months of on-the-go. Although the distance to the world-image of the inner cosmos is much smaller than the Copernican view of the world, but after the Transformation, are the velocities of rockets as much smaller than the mathematician, her calculations on the basis of. Thus, there is no contradiction here. These were some examples that show that the organic, natural world-image of the inner cosmos is very up to date and in a timely manner, Yes, that it is far beyond our own time in the future. So there is no really irreconcilable opposites to the Copernican, Kepler's, Newton's model of the universe in the sense of Theoretical physics and mathematics, and in this sense, the opposite of the world is no break with the past is. It makes an amazing addition, because the Mathematical describes as a computational model, the Organic and the Organic to the Mathematical quality of the Biological. The Kepler's and Newton's laws of planetary motion and Gravitation remain in the organic, natural world, image is valid, only to find you here in the transformed shape. The Copernican view of the world is not reality, but only on the mathematics and the physics based

Model. The whole of reality is the result of a combination of both of the world models. The bridge from model to model of the above-mentioned Transformation is formed. On this bridge, but only the one who seeks the truth. But not everyone can see and accept it.“

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60

## **The Curved space metric of the inner world I**

W. Brown, A Physicist

### **The Law Of Inertia**

The beginning of today's experimental nature of science is located in the middle of the 16th century. Century. With the work of the Italian physicist Galileo Galilei (1564-1642) was the final abandonment of the physics infertile,

usually in a purely philosophical way of looking at the ancient Greek to the experimental question of the nature.

Galilei was a staunch opponent of Aristotle, while he admired Archimedes much.

His investigations related to the case, movement, and the movement of bodies on inclined plane.

He defined the state of motion of uniformly accelerated motion and realized that the form of movement in the causal link with the staff. (Only Newton realized that there was a time constant force must be the uniformly accelerated motion evokes.)

Another crucial finding in his research, by the way, was that the Steady - or

law of Inertia. This law we want to accurately describe and investigate. In the present formulation stating this law:

A body on which no external force acts, remain in a state of rest or in a straight line uniform motion. So there is a billiard ball on a level surface only a two-state options, if there is no force on it works: either

she rests, or it rolls at a steady speed, straight out of.

A steel ball on a smooth ice surface is rolling very far, for example, 1000 m on a straight track with a

uniform speed. In reality, the speed is of course not exactly the same shape as the

inevitable friction, easy to brakes and, finally, to come to a standstill. At least in thoughts to

this Experiment to idealize that any friction completely switched off. In this imaginary case,

would a bullet forever with uniform speed more roles.

Now, we know that the surface of the earth sphere has the form (if the curvature is hollow or solid round, for the time being undecided).

Our of any friction freed steel ball is forever to earth roles, if the accuracy of the

inertia law as a basis. On the small surface of the ice of a lake could be of straight-line motion, because

in the short distance, the curvature of the earth is not noticeable In the conceptual extension of the experiment to

the already cosmically to significant dimensions of the entire surface of the earth, however, is the railway circular arc-shaped curved, not straight forward, as it is the law of Inertia says.

The law is true, then?

On the other hand, seems to be the law of Inertia but to be correct, there is no reason why the ball on your smooth

rail to the rest should come. Here is a contradiction seems to exist. He is only apparent in nature; indeed, the

law of Inertia applies subject to the Express condition that no external force acting on the body. Now we have but

in our thought experiment, only the friction force is eliminated. To the force of gravity, we have not thought of. It is, however,

our ball is continuously on the surface of the earth binds. One has to note that the law of Inertia, two features

of the movement is:

1. The straight-line path.

2. The uniform speed, unless an external force acts. Point 2 is ensured, because the friction force was eliminated. Point 1 is not met, because the movement is not force-free due to the force of gravity. Therefore, the path is not straight, but a circular arc curved shaped. On this case, but the law of Inertia only conditionally applicable. A contradiction, however, is not. How would the train probably change, if it were possible, the hard power switch off, at least in thought? The answer to this very vital question to find us, we will be through some thought experiments on the right track: A horizontal cast stone flies not far away. Gravity takes hold of him and drags him to the ground. According to, for example, 10 meters, he suggests. A rifle bullet has a much greater speed, if it leaves the barrel. You can in the horizontal direction is much more to fly, about 500 meters until you *by* the force of gravity to the ground drawn. In purely formal terms, we can say that The slow is subject to the force of gravity to a greater degree than the fast bullet.

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61

A floor of the highest speed that is not captured well by the force of gravity at all. The trajectory of such a projectile would be very interested, because his movement would be ideal force-free, the friction would be through idealization, the force of gravity due to its high speed switched off. For such an ideal force-free motions, then, would the principle of inertia apply without restriction. Thanks to the knowledge of the physics we are now, in fact, such floors the highest speed available, namely, the light corpuscles. According to the particle theory, the light from the smallest particles, the so-called' light corpuscles, or light quanta. This can be from any light source, be it a candle, a lamp or a

laser beam device is running through.

With the unimaginable speed of 300 000 km per second, you can shoot through the room. Due to their great speed of the earth's gravity is practically not affected, you move so, as would be the

force of gravity does not exist.

That is, however, the movement of the light corpuscles ideal force-free. Your train should be so according to the principle of inertia exactly in a straight line and at a steady speed, which can be traversed.

Apply the principle of inertia in the whole cosmos, so also is the statement, that the light in the entire cosmos in a straight line

and at constant speed is spreading. This set was for all times of the researchers in nature, viewing the

people as, of course, respected the implied condition, that never was challenged. "The

light propagates in a straight line from".

This is a fundamental law of optics. The statement is based simply on the conception of the practical

experience of daily life. "You can see it yeah, the light beam is straight. It forgets that the radiation lengths

in these observations are short. Any deviations from the linearity can not be detected. The

smallest curvature but could be due to cosmic distances to huge deviations add up. The historical

development of the statement on the straight-line propagation of light in the cosmos led not on the Galilean

principle of inertia, as shown above, it was.

Rather, the hypothesis of the rectilinear propagation of light is included in the law of Inertia already. Asked you, namely

Galileo and his successor as representative of today's science, as the term "linearity" is defined to be, so

he will respond to: "straightforwardness is defined by the path that the beam of light in free space

by running." Modern science knows, in fact, no other Definition of

straightness. This is the deeper reason that an experimental verification of the straight propagation of light never considered was, and of the modern natural science, even today, are a waste of time is considered; because the only review of the light beam curve in space would be a comparison with a Straight line. Because of this, but by the propagation of light is defined, and today's science is no other measuring just to the disposal, the rectilinear propagation of light, an unproven hypothesis. That Galilei, the force-free motion is also on the after the light beam is defined Straight was looking for, was very obvious. Because, according to earthly experiments to infer (e.g., billiard ball), the consequences of force-free bodies of the same path as the beam of light. Any deviation could be the observation quite escape. The narrow district of earthly Experience to the identity between the force-free path of a body, and the light path of the beam close to. Both referred to the eye than a straight line. Here you come now to the crucial question: "this identity to cosmic dimensions, maintained, or are there differences?" Of course, this question was never experimentally in a direct way reconsidered, as such an Experiment is not executable. But there are many indirect indications that this Transfer of earthly experience of the content on cosmic spaces justify or downright challenge. The Kepler-Newton's System of celestial mechanics is based on this is usually not pronounced the basic assumption that the force-free path of a celestial body in the universe and the path of the light beam to coincide. Both are referred to, by definition, the (by definition) as a straight line. Due to the coherence and usefulness of this astronomical system in its practical probation may not be doubted that this basic assumption makes sense and is



correct. Because of this vital connection from the pages of today's science is never worth mentioning considered, but as a matter of course considered is, whether he particularly highlighted and strongly worded:

**The path of the light beam and the path of the forces on the free body are the same.**

This statement is an axiomatic real result of centuries of astronomical research. In question is merely the shape of this track, you will today, like centuries ago as a straight line referred to, and even for the Definition of the straight lines used .

**The experimental support, however, is missing completely! .**

We return to these reflections once again to our above-discussed thought experiment with the smoothly rolling steel ball back. How will you move, when the earth's Gravity is subject to, such as

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62

then, when she is thrown off with very great speed? According to the Kepler-Newton's theory would be you, the light beam following, from the surface of the earth stand out on a straight track to outer space to escape, as shown in figure 22a shows. This result is expected, because the inner coherence of this system, its preservation to the world space of the recent time has shown. Is but the shell of the earth is concave (hollow) convex, and thus, the light beam is curved, as is also the trajectory of the steel ball curved. Also according to this System lifts the ball after a short distance from the shell of the earth, and rising on a curved track into space up (figure 22b). Any theory that here is a centrifugal Stick to the shell of the earth would claim, it would be pointless, since they all of the experimental experience of the facts in their diverse and complex links to contradict would.

Figure 22 shows a body

with a very high velocity tangential to the surface of the earth itself forces to move freely, stands out from the surface of the earth from.

a) convex curvature of the earth, and b) concave curvature of the earth

## **The metric of the space**

A third Time the straightforwardness appears in the Kepler-Newton's theory. All compositions by Newton's knowledge of each other. This mysterious attraction is referred to as the gravitational force. So binds to the mass of the sun by its gravitational effect on the planet and is forcing them in closed orbits. Here are the field lines of the gravitational force field in straight lines; the center of Mass radial in the room to penetrate.

This straightforwardness is also emphasised never. Considered to be implied as a matter of course, since it is the simplest and most obvious assumption is. According to our previous considerations, in the course of the uncertainty in the Definition of the linearity clearly was, here again, a more conservative and more General formulation is appropriate.

Instead of the statement that the field lines of the gravitational force field in a straight run, it should rather be: they run like the beam of light, or like the path of the force-free body.

Figure 23 shows the relationship between the linear metric Copernican idea of the World and the curved metric of the inner world-the cosmos. Mathematically, it is the context of the Transformation by reciprocal radii of the expression.

Thus, we now have a triple identity: The gradient of the gravitational field lines of the light beam and the path of the force-free body cover. This really is, is beyond any doubt. The probation of the Kepler Newton's mathematical system of planetary motion

(celestial mechanics) demonstrates this clearly, as has been repeatedly mentioned.

We lay on the position of these relationships, great value, for two reasons:

First, we must expect that, one day, a new

Definition of the Straight line is present, the light beam is oriented is. The need for such an absolute Definition brings E.

BARTHEL very clearly expressed in the "extension of the space of theoretical possibilities of Thought by means of the Riemannian Geometry" Astr. Nachr. Bd. 236 p. 142:

"Although namely, there is an empirical fact as is absolutely there, just could be, is the concept or idea of the Straight something clearly lying. It is

**Fig. 22**

**Fig. 23 Die RaummetriC**

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63

Yes is the a priori condition of the Space awareness for the Consideration raised whether

something is "right" or "crooked" was. We see the contrast with "straight – crooked" from no experience, but we have

this contrast as the ground of our consciousness in such a way that only under this condition, all

the experience geometrically considered and evaluated can be."

If it is possible, such an absolute Straight to the exclusion of the light beam to produce, then the possibility

is given, the straightforwardness of the light beam by comparing this measurement is straight to check. Should it

turn out that the light beam is curved, so this would result in the total collapse of the astronomical

system mean that on the straight beam of light is constructed; but only if one of the above three-fold

identity, will not be taken into account! Observed but this identity, the

correctness of which, Yes, has been proven, so it means a curved beam of light over the course of no refutation of the old system. Because in this case is then automatically to the force-free orbit, and the gravitational field line as curved detected, the internal cohesion of the Newtonian system, in each case, maintained, regardless of the manner in which the light rays are curved.

According to the Morrow's earth-curvature measurement of 1897, the light beam is actually strongly curved. **The legitimacy of this curvature, as well as their coupling to the gravitational field - curvature and the curvature of the force-free path in a logical consequence of the theory. The whole of Newton's theory as the basis of celestial mechanics, including the modern space travel also reserves according to this theory in full force and effect. The Copernican view of the world and the inner world of theory are merely two different ways of looking at the real reality.**

The second reason why on the underlined formulation of the triple identity of so great value, is the following:

When the three so different things, such as the gravitational field lines, rays of light, and Railways forces-free body, all three common property have the similar spatial profile, so must also be a common

cause of existence. Otherwise, it would be the facts of the case, at least, very surprising.

This common cause of the world's substance, the so-called world of aether. On the need for the adoption of such, the entire world-pervading aether sea, to follow in the next Chapter, for more reasons. In the Copernican System, with its rectilinear propagation of light is much more of the possibility of such a common cause to overlook. To keep the straightness of the beam of light, the gravitational field lines and the force-free train

is simply a matter of course that no further discussion needed. In a System with curved propagation of light in the force-free body on curved tracks to move and gravitational forces along curved lines work, the common cause of this like curvatures, however, not be overlooked.

**This cause is located in the aether sea.**

Because of its properties and their spatial variability in the inner world of plants, it is light vibrations on curved paths fort, transfers gravitational effects on such cars and leads to a moving body in the same way.

The space is not empty, as many of today's scientists claims, but the space has the physical qualities as a guide or transmission properties of the motion of bodies and, in the case of the Transmission of light and the gravitational effects are felt. In Copernican view are the qualities of Space in the entire universe is homogenous (evenly). That is, a cubic meter of space when the sun has physically exactly the same properties (e.g., the speed of light), such as in the Mars or the moon or anywhere else. It follows the straight-line propagation of light with your already so often mentioned three times the link. This space has a homogeneous structure, or, as we now say: he has the linear metric. This metric is the simplest way of the light rays identified or traced. However, based on the inner world of theoretical perspective in a certain way curved space metric of the light rays traced is. This curved metric, however, the causal link with an inhomogeneous (non-uniform) spatial quality. That is, the physical properties of the (non-empty!) Space are different from place to place. The speed of light in the vicinity of the sun is different than that of the Mars or moon. The

more detailed analysis shows that in the direction of the center of the inner world, slimming, and with the square of the height above the shell of the earth. Figure 23 shows graphically the relation between the linear metric of the Copernican and the curved metric of the inner world of theoretical Approach. Mathematically, it is the context of the Transformation by reciprocal radii of expression brought. The circle represents the earth's surface. The earth is a solid ball, so the room is located in the world outside. It is characterized by a linear coordinate system in the same large room areas, that is, in cubic cells, divided. This area is in a physically uniform texture to infinite distant. He is unlimited. Each point of this space is by specifying the three Numbers (in this only two-dimensional representation, of course, only two) clearly defined. These three Numbers are the coordinates of the point. The motion of a body through this space is numerically described by a continued series of such numbers Trippel, as well as the indication of any Trippel belonging to the time. Such figures, for example, are rows in the space of meaning. You can in the electronic calculating machines be entered. By comparing the theoretical values with the actual will of the machine, course corrections are calculated. By appropriate control pulses for the actual rail is associated with the theoretical rail in Accordance.

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64

All of these calculations, the Newtonian System is based on. Forms the earth's surface, but the inside of a hollow shell, so is the whole of the space within the hollow shell. The space metric is non-linear. The space is advantageously by means of curvilinear coordinates divided. The cell size is not in the whole of the universe

is the same. It is towards the center of the smaller and smaller. The two shaded cells in figure 23, for example, correspond about the transformation law. It is in the contemplation of this space immediately to the realization urged that the physical space quality with proximity to the center increases more and more. The uniform quality of the space elements in the Copernican view from the interior world theory, so to speak, the more compressed, the closer you are to the centre. Again, each point in space by specifying a number trippels are described.

It's all exactly as in the Copernican description. The Newtonian celestial mechanics has its validity. According to her, the ballistic trajectories of rockets and space capsules calculated and numerically described. As an example, two systems, on the basis of Newton's laws calculated orbit registered. The points along the track indicate the Points at which the satellite is according to each 1000 seconds. The entire circulation time is 26012 seconds = 7 hours, 13 minutes, 32 seconds.

## **The aether sea and its properties**

Today, when a scientist from space, so he thinks of an infinite, empty space of the desert, to an absolute vacuum. The few particles of dust, gas Atoms and ions, the bleakness of a little temper could, he thinks, like to get away, since the flight of his boundless imagination to affect. This eerie room ocean has a temperature of  $-273^{\circ}\text{C}$ , which is absolute zero, the lowest possible temperature. By this vacuum lawn is now a huge glut gas with unvorstellbaren speeds. These are the fixed stars. If you think of a scaled-down model of this space idea of the fixed stars, the diameter of a pinhead, so have

this pin heads mutual distances of about 60 km.

In between empty space! This Gaskugeln to a diameter of a few hundred million kilometers, and

temperatures of millions of degrees. The pressure in its interior, is unimaginably high. This Gaskugeln cool but in the

icy world of space apparently do not. Because our ancestors admired for millennia, the magnificence of the fixed star

- filled sky. How to take your inexhaustible energy for many millions of years with undiminished

strength in the empty nothingness of space, radiated been supposed to be? A few decades ago, was convinced that the

sun and the fixed stars from all over the purest coal exist.

At the time, this was the best energy source that was well known. With the discovery of nuclear fission by Hahn and Strassmann

in 1938, was to energy-supplying processes, the coal in the shade provided.

Today, there is the belief that the fixed stars huge nuclear reactors, and the dream of the huge, hot

and not cooling Gaskugeln in the icy, empty, endless nothingness of space seems to be saved to be.

This vocabulary of destruction, Explosion and resolution appears today, technically-minded people, the

welcome weight against him a threat coming, the idea of a creative design Makes it to

be

Nature is a magnificent, self-contained System of circuits, in which nothing is lost. One serves the

other. The assimilation process of the plant, e.g., oxygen falls. This is not lost, but is the

element of life of animals and humans. The life processes of these creatures in turn produce carbon dioxide, which the

plants, in turn, on the Assimilation of oxygen and nutrients for other organisms to produce. Great is

also the closed circulation of water from the sea water evaporation on the



formation of clouds to the rain.

Overflow of water as a vital element of all Living things, collects in streams, creeks and Streams, and completed the circuit by placing it back into the sea flows. This water cycle starts again countless other circuits which each other, engulfed in are. The driving force for all of these circuits is the sun. You are always by their light and heat energy. The above-indicated-added principle calls for, but with a compelling need for you what you give, in any return leading the process receives. An eternal single-sided emission is contrary to the most basic and most obvious laws of nature. Fixed stars as the giant glass beads that over billions of years , unimaginable energies in an empty space radiate with the actually observed basic principles incompatible.

It is between the fixed star ball (sky) of the inner world and the enveloping shell of the earth is a polarity, a unit in the Interaction of different functions. Heaven and earth together are an organism in which the wonder-full size in comparison with the human organism guessed to be. According to the ideas of the purely theoretical and mathematically oriented scientists, the earth is only a mote in the infinite empty space between gluten gasbällén huge Dimension swirls, given the statistical chance of a tangled mess. The earth is the only protection against the lethal threats of space is a wafer-thin layer of air. Of an interaction

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65

this void an atom with the infinite empty space can be no question; this is because the polarity between sky and earth is in the light of modern science, such as the dance of Nothing in the infinite Nothing! The philosophical and ideological consequences of this point of view, lead to a focus on the

Nothing, and are devastating effect on the search for the meaning of life. Safe until the end of the 19th century. Century valid teaching of physics that space is not empty, but rather is filled with a very real, everything is connective and all-pervading medium, very useful. Up to the turn of the century, doubted not a scientist seriously to such a world of substance.

They called this Medium according to the ancient Greek philosophy of Aether, and served on the scientific use of language to the end of the 19th century. Century as the "light of aether" for the explanation of the appearance of light, a Medium, as the finest fabric the entire space filled, and by pulsed, and in which the light wave-like motion of the Aether is spreading. With the Äthergas used for anesthesia, however, there is no physical Resemblance.

It is, in theory, rather, a matter, from which all matter forms and in the re-dissolve can. As you know, the modern physics knows such Zerstrahlungs and matter formation processes. So you can, for example, from light (light is a vibration in the Ether) under certain circumstances, an electron-Positron Pair In the fog chamber can this process be directly observed.

Conversely, a Positron-electron can decay Couple to light, so to aether vibration. If the vibration to the rest came, it indicates nothing more to the previously-seen particles couple of go. It has in the matter, in Ether, dissolved, like a piece of ice in the water.

According to this conception of the Ether, the seat of all electrical and magnetic phenomena. Current-carrying wires around magnetic fields effectively, which is so strong that you, for example, heavy rail trains in motion to put assets. This would never be possible if the room would be empty. Because an electric motor consists of two Parts (figure 24); the Stator is

the fixed to the locomotive in the screw-in part and the Rotor, is the rotating part of the Stator rotates with the drive wheels is connected to.

As soon as the Rotor starts to rotate, spinning the wheels with and the severity of the train is in motion. Some of the thousands of horses that would be necessary to have such a tremendous power to develop.

This power is unfolding in the empty" space between the Stator and the Rotor, even though there is no mechanical connection between these two Parts. What is the giant forces put the Rotor in rotation? The empty space is about? Such a nonsensical idea can only impractical ideas spring. Any normal thinking person will recognize immediately that, in the space between the Stator and the Rotor something is going on. Here is changing a bit. Here, a force is effective.

A force can not from the empty space from which Nothing work. In this in-between space creates a magnetic force field. But this is probably nothing else than a certain way of moving Aether, the electric motor into mechanical energy is converted.

In the Ether can form electric fields. Two electrically charged metal spheres, for example, attract each other or repel down depending on the polarity of the charge. This effect can be impossible due to the empty space to be transferred. Between the balls of the electric field is perhaps the Tension in the Aether exists.

In contrast to the aether currents in the magnetic case, you might here in the case of the electric field at a static change in the Ether in a state of stress to think. This remains unchanged as long as the charges cannot compensate for. As soon as the charged metal balls, it is

but is, for example, by a metal wire between the balls is the tension in the Ether removed. In the process, but the Ether in motion, i.e., a magnetic field is created.

This interplay between electric *and* magnetic fields, recognized as the first of the English. Physicist Faraday in the year 1831. Any changing electric field generates a magnetic field and Vice versa. In the picture of Aether idea of this is to say; if a aether voltage offsets, there's an aether flow.

Rail  
Drive wheel  
of the locomotive  
Rotor  
Stator  
"empty"  
space in between

**Fig. 24 of The electric motor turns aether force into mechanical force**

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**Fig. 25 The electric field between charged Metal balls**

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66

The mathematical description of these physical processes and contexts is fully managed and completed in the Maxwell's equations. (Maxwell, 1831-1879, engl. Physicist) it is Interesting to note in this connection that these Maxwell's equations of electrodynamics striking Similarity with those of the hydro-dynamics (fluid mechanics) have. This striking Similarity appealed to many physicists, the phenomena of electricity as a hydrodynamic process in the Aether to explain. All Attempts in this direction until today, but as a

failure referred to. This is due to the fact, that you can always overlooked, that in the case of the hydro-dynamic phenomena of the inertia of matter is involved. This, however, has its cause also in the Ether. The properties of the Ether can therefore only partly with those of liquids are compared.

The ether properties are of fundamental nature. You can with our human senses are not directly detected, but only on the basis of the variety of recognizable phenomena, in which the ether effects play the game.

One of the most exciting discoveries of physics made Heinrich Hertz (physics, 1857-1894), as he is the propagation of electromagnetic waves in space took place. An electromagnetic wave is a periodically oscillating Transition of the electric field in a magnetic and Vice versa. In the Ether so to say, a constant Back and Forth of etheric substance, i.e., a continuous shift between voltage and current in the Ether. This state of Vibration propagates in space, i.e. in the aether sea as a wave, similar to the water waves around a stone thrown into the water.

This phenomenon has long been used technically. Radio waves from the kilometre-long long wave up to the FM and decimeter waves of television, as well as the radar waves, all of this are such electromagnetic vibrations in the Ether. Maxwell realized that the light in the visible and in the invisible region of the spectrum, nothing more than electromagnetic oscillations with a very short wavelength. The speed of propagation of such a vibration is 300000 km/sec. Now would be to ask whether the empty space can swing. Of course, such a notion is completely absurd.

The "swing at the end of Nothing" is on the same line of Thought as the idea of the swirling Nothing in the infinite Nothing.

The layman is after these few suggested examples, the existence of a world-ether, as a matter of course, recognized, because he is not through a thicket of prejudice and opaque contexts on the clear. See disabled. The professional is the fast, intuitive grasp of the lay people to be at a disadvantage. Although he knows just the infinite variety of phenomena, and grading in a scheme to install, but he often loses sight of the obvious, Tangible. He stands, so to speak, in the middle of the forest and recognizes him.

The dispute over the world's airwaves had a busy scholars turn around 20 years before and after of the last century.

For the physicists of the 18th century. and 19. Century was a matter of course, though it never succeeded in its existence directly to prove it. This lack of resolve, two American physicists, A. Michelson and E. W. Morley in 1881 in Cleveland, USA an Experiment once and for all determine whether or not there is such a thing as a world of aether really are.

An illustrative description of the experiment is L. Barnett in the book "Einstein and the universe"

(Fischer bücherei): "The principle of this experiment was based on, was quite simple. They went from the premise that the entire room a motionless aether sea, but the motion of the earth through the Ether to determine and measure the let had, such as seafarers, the speed of a moving ship fairs. It is, as Newton had shown, impossible, the movement of a ship when the sea is calm through any mechanical Experiment on the ships to discover. The sailors determine the speed of a ship, by a "Log" throw it overboard and the

Unwinding of the nodes on the Logline watch.

Also threw Michelson and Morley's experiment, the movement of the

earth through the aether sea, to determine a "Log" on Board,  
in the Form of a beam of Light."

The details can be found in any Textbook of physics. The apparatus, the  
Michelson and Morley

constructed, was so sensitive that with him is the orbital speed of the  
earth, which, according to the Copernican  
theory 30 km/sec is, would have to measure!

The whole Experiment was planned with great care and precision and  
executed. The result was clear: a

movement of the Erdplaneten with respect to the aether sea was no hint of  
determine. The

consequences provides Barnett is very correct in his above-mentioned  
book:

"The Michelson-Morley's experiment the physicist in front of a confusing

Alternative: Either they had the

ether theory, the explanation of electricity, magnetism and light yet so  
good services done, and

old iron to throw, or you had to, if you are on the Ether held, the still

ehrwürdigere Copernican theory that

the earth moved, give up.

Many physicists, it seems easier to believe that the earth is still standing,

as that waves, and light waves and

electromagnetic waves - without a material substrate exist might be. The

Dilemma was difficult, and a

quarter of a century left to him by the spirits. There are many new

hypotheses have been proposed and rejected."

The Experiment was in the years 1902-1906 by Morley and Miller in

Cleveland and 1930, and G. Joos in the

Zeiss works in Jena, Germany with the utmost precision and the utmost  
effort, repeatedly.

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67

The result was always the same: the apparent velocity of the earth relative  
to the Ether was always equal to Zero.

From the point of view of the inner world of the theory of this Experiment, a refutation of the Copernican view of the world and a proof for the standstill of the earth. From the point of view of modern science, however, means the negative output of the experiment, not a death knell for the Copernican view of the world. Because with the help of the special theory of relativity, the correctness of which cannot be doubted, the Attempt to output very obvious to explain, so that you can determine that the Copernican theory is not refuted been. This classic Michelson-Morley experiment was the impetus, the A. Einstein to the development of the theory of relativity led had. As valuable and indispensable to the theory of Special relativity Einstein's for all areas of physics today is, there is still the General spirit of confusion with respect to the ether problem is only magnified. An epidemic of grip after the turn of the century the opinion of the theory of relativity, Einstein's got the old idea of the world of aether now definitively disproved. It began a period in physics, in the abstraction and Indulge in empty terms to the high virtue of the physicist upgraded were. This trend has up to the present day, more and more intensified, especially after the advent of the so-called "wave mechanics". So for example, Louis de Brooglie (Nobel prize for physics), in the book: physics and Microphysics (Claasen-Verlag Hamburg/Baden-Baden 1950): "One thing is still for sure: While the mechanical vibrations and the sound of a material carrier, a transfer, vibrating medium require, the of the matter independent of light without any carrier reproduce, and despite the wave aspect, it often presents. By the light we have learned, the immensity of the universe to understand. It has the existence of fog, stars in a monstrous distance revealed that, in spite of his speed, hundreds of



millions of years, needs to have you back. No noticeable mass and electrical charge, by the fear of it without the end of the room, without a carrier to require.

" Despite this, non-crush there are, even today, a physicist, a clear view is to be maintained and recognized that today's physics is not an Argument against the existence of a world aether can specify. So, for example, K. Jellinek in his book, " the world system, world of ether and the theory of relativity, An introduction to experimental scientists (Basel 1949)":

"In our age has Einstein's genius, the development of the physics deeply through his abstract theory of relativity influenced. The same applies to researchers such as de Brooglie, Heisenberg, Schroedinger, Dirac and Born, what is the abstract quantum (or wave) Mechanics created. However, both relativity theory and wave mechanics need to be translated into a clear language. It is this is a very urgent task of physics, since most scientists are not in the case of differential equations are stay , but vivid images must-have." So little to get to the agile movements of a flying bird can understand if you are from the sea of Air and the interactions of forces between the air and the wings of the beast nothing knew so little of the world of matter is to be understood, without the all-surrounding and pervading aether sea. All physical processes, from the gravity and inertial effects on the electrical and magnetic field effects up to a matter of education and matter - annihilation processes can be only one-sided and distorted detected and only imperfectly understood without the other side of the world, the invisible but no less real than the invisible.

All still such a large and fascinating discoveries of the natural Sciences-

rich, in the end, but not an overall picture of the nature to draw, and the suggestion of your deep beauty and inner unity show could. What in reality is a living organism, with countless, but useful in the finest coordinated with the individual functions and circuits, is not recognized. Instead, look to us today, from the dusty books in a purely materialistic-bound science a distorted bone skeleton without flesh and blood-and-take, mind and soul, not to talk. Is this presentation to be Negative over the top? Then, comparisons of today's science, not even a clue understood the wonders of the human organism with the World body. This still needs a lot of wonderful, because it is an ascending line from the smallest inanimate block of matter to the variety of living organisms of greater and greater degree of organization to the people. The ascending line, can't all of a sudden, after all, why should the highest spiritual wisdom of the action of nature suddenly lead to Chaos, in the Form of blast, heat, Empty, and in the resolution? This break in the understanding of the natural process is not a quirk of nature, but is the fault of human knowledge, ability, and Wandering or a false philosophical approach, an ideology, or of the Not-for Knowledge. Almost hands to grab the idea and the Work of the aether sea, specifically in the effects that we, as the inertia and Heaviness of matter, know. The next section illustrates this.

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68

## **The inertia of matter and gravity as the effect of the aether sea**

All of the body have, without exception, have two properties:

1. They are hard, i.e., it is subject to a force that is directed perpendicular to the earth's surface.

2. You are lazy, this should be expressed, that any kind of movement, change of a resistance in the way as it is the law of Inertia describes (see previous Chapter). In the following, is now to be considered, first, the second property in more detail.

We put ourselves in thought to the control of a well-sprung car with uniform speed on a level and straight road. We sit so quiet and comfortable in our seat, as at home on the Sofa. We have no force or effect, except by the force of gravity, and not considered here to stay. Our body is thus completely force-free on the road. According to the law of Inertia we move so "straight and uniform", as hereinbefore provided. Now, we drive into a curve to the right. In this moment, we are a force captured the us to the left presses and we have to hold ourselves to not place too are drawn. In a curve to the left reverses the direction of the force, we will be pushed to the right. Suddenly we need to brakes, i.e., the speed decrease. At present, this is a secret locked in on us full force from behind, and pushes us in the direction of travel. When you Accelerate, d.h. the speed Increase, finally, she pushes us back against the seat backrest.

In front of this strange force, the existence of which we, in General, of course, accept, should any drivers fear and the more so, the faster the vehicle is. According to experience, it can in devastating size occur if the speed change is very large, such as in the case of an accident. This so-called inertial force is capable of with ease, like a giant fist, heavy bodies, such as paper together zuknüllen. All of this is, of course, and, of course, or even logical, some people will think. For me

everything is clear, where there's a Problem here?"

Who thinks so, right from the point of view of the practical side of life, where there is enough, the apparitions and phenomena to be aware of and deal with them to be able to.

The deeper, more scientific approach to stay here but that's not all, but tries in the connections

to penetrate and asks, especially after the mostly invisible causes of the phenomena. In our example, with the

driver in the car must have the following concern:

at the moment of braking or Cornering, in short, at the Moment, the speed of change, of a sudden, a force is

effective and noticeable during the uniform straight line was not there. In our senses is accessible to

the world of the appearance of a sudden an effect as that previously was not there, so we have to look for a cause. This is the "natural", the "Logical".

Where is the cause? Has changed the Interior of the car when braking somehow? Is it warmer

to become, or have the items around me, their color, their shape, their hardness changed? Or are any of the

chemical reactions determine? No! Everything is exactly the same as it is in the uniform Straight ahead

was. Any external, the senses discernible changes in the car's interior, not suggestively determine. We could be the change in velocity by comparison with the landscape outside, not

immediately detect, such as in the interior of a ship, so the result is the amazing Situation that, without the slightest cause

my body suddenly of a force, and in any direction will be pushed!

If, for example, a tree, the originally quiet was standing there, suddenly to the side, turn, and if its Branches and leaves in

motion, then we have to look for the cause of this appearance, and instantly recognize that it's a Wind

up is. We see this not, we need him to feel, we conclude this with the help of our

experience and our mind. Logically and necessarily should, but you also argue that when a body suddenly, the inertia force to take effect. Must have in the environment of the body slightly modified. The cause of the suddenly very real observable and tangible force of inertia can not from the empty space, the absolute Nothing to grow. It is rather in the surrounding Ether. This we will not be able to see immediately, as well as the surrounding air is invisible. But as we in the air with their properties indirectly, on the basis of many experiences and experiments, so we also realize the invisible Ether of the many effects such as electricity, magnetism, light, heat, etc. In the force of inertia is a more visible and tangible, yeah measurable effect of the Ether to us so. We are moving in this aether sea, with all its special properties. We see it not, but we are with him and his properties so familiar, and through continuous Practice and adjustment of a child, so with him connate, that we are inclined to overlook or even its existence is to deny. But that would be just as foolish, as if the fish of your life element, the water, ignore wanted to, just because they are so completely with him, connate, and it can not see. Or if the bird would say, "air? what is that supposed to be?"

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69

For me, the real, what I see, and something like air I can't see for the life of me is. Why can't I download it? Because I move my wings in the right way. The consequence of this is that I fly, isn't that logical? To what, then, is the idea of something like air? Why are the most natural process in the world to be a Problem to do?" Just like this bird might think, argue, but today some modern scientists, if

you are  
from room and inertia to speak of, so the phenomenon of inertial forces to deal with, which is always in the moment, to be effective, and felt, in the state of motion of any of the material body is changed, whether by acceleration or delay or distraction from the direction of movement. The question as to the cause of this force effects may be due to modern physics can not be answered. The air will be eliminated as a possible explanation, because the inertia effects are in the air, the empty space as well. (for example, on the moon). In order for results but for today's natural science, the grotesque Situation that force effects exist, consisting of an absolutely empty space, out of nowhere, arise. Most of the modern physicist interfere with the bit. You are content with the mathematical description of these processes. Their big championship is also undisputed. In addition, the abstraction today as an expression of the "higher development of the human mind," particularly admired. Some of the scientists are proud with the System in a thicket of inconsistencies move to. In support and justification of some abstract belief have some chunks of knowledge, theoretical philosophy to the Hand against Attacks from the camp of those who fight back, keep it with the clarity in the nature viewing. The famous English astrophysicist A. S. Eddington writes on this subject in his book: "The Nature of The Physical World" (Cambridge, 1929, p. 137): "We need to the idea to get rid of the word space in the natural science, with an Empty to do. So should the rather summary statement that Einstein's theory the gravitational force to a feature of the room is reduced, no concerns excite. The physicist touch not the space as empty. Where is he all empty, there is still the Ether. Those who, for any reason,

the word Ether

is not love, scatter math symbols in a vacuum, and I'm determined that you have some sort of a characteristic Background for these symbols to think. I don't think anyone is proposing, even a relative and fleeting thing as a force on an outright Nothing to build". (This includes comparisons to the quote from Louis de Brooglie.)

So we're in very good company, if we assume that there is a space in which such huge effects such as the inertial and gravitational forces grow, to not be empty, but must be fulfilled by a very specific Medium, to the world of aether. This Substance can be determined by our sense organs not immediately recognize, but only on the basis of the electric, magnetic, gravitational and inertial effects, which our senses are accessible.

Also, we must not ascribe to this, the Ether the idea of materiality, in which we see the physical body.

These are from the ether-substance, are, so to speak, special manifestations of the Ether, and in this dissolve. The Aether itself, but it is as real as matter, this is floating, so to speak, in an ether sea, similar to pieces of ice in the water, this vivid image again to use.

In the inertial effects, we now meet an interaction process between matter and Ether. Our senses detect this process, but only a part of the movement of the body and the force effects. The other part, the operations in the Ether, remain invisible and can only thoughts are to be covered. It is called this non-visible part of the process, the reality, so you end up with the abstraction of a purely formal descriptive nature viewing, and no understanding of the Overall context is possible.

What is going on now in the Ether in front of you, if a body accelerates in

motion?

A clear statement can be made about of course not. However, the accelerated body around the room, i.e. the Aether in some way changed. It creates a field, either a current or a voltage, or a vibration field. The last is the most probable. The structure of this field requires energy.

This is the force that is necessary in order to accelerate the body. We then say that the body have a kinetic energy.

In reality, this energy is not in the body itself, but in the Aetheric field that surrounds it. The body is served in the process, so to speak, only as an intermediary, the external force effect in the creation of the aether field, transformed. Listening to the external force acting on, thus ending the growth of the aether field, but this remains now exist, and moves with the body.

This condition remains for a long time, to any causes trying to decelerate the body. In the Moment builds of the aether field. The released energy is now being applied to the body and tries to push him further.

Suddenly apply a force to the body, and pushes him in the direction of travel, and that is the force of inertia, we, for example when driving a car on your own body feel.

So it's not out of the empty room, and out of nowhere, but has its cause in the Ether with no Effect

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70

braking or accelerating causes on a moving body, so the energy of the aether field does not change.

But, the body moves uniformly with a constant speed, or it remains at rest (the aether field is Null).

Exactly these facts but the law of Inertia to the expression.



What the astronomers of antiquity to Kepler and Galilei so, a major concern was the question of the force of a planet in motion receives. Because without long drive, so it was argued, would have to you after a short period of time stand still, the "dead run" in. Today we smile about such ideas, but actually wrong. Because the question of the Old is now the science left unanswered. It only has coined the concept of inertia and thus expressed, that the planets revolve forever. The knew the Old but also. Your question was rather: "Why circles you forever?" They sought out the cause behind the appearance. This is but the science still unknown, because you will be with a world of aether impossible to know what, in turn, by the prevailing space idea to explain. From our point of view, the question for the drive of the planet was very useful. Because in the surrounding aether field have the planet in fact, your "engine" that you against any resistance forward would have The necessary energy to the aether field is removed. In space there is, however, no abbremse effects and the energy of the etheric field is thus preserved. Were it not for the inertia effect of the matter, so would our world look completely different. For example, would then be the Hammer is a pointless tool. Its function is based to the fact that it "into the swing" brings, that is, a strong, him ambient Aetheric field builds up, in the a lot of energy. It hits the iron mass of the hammer on him deceleration obstacle, such as a nail, so is the aether field is rapidly degraded, the inertia force is effective and drives the Hammer weight, the nail in the wall. Would be but the whistling Hammer of any of the aether field surrounded, so could no inertia force. The mass of Iron would in the Moment in which the nail touches, just stand still. For where a body is, it can't

simultaneously be another.

The physical concept of "momentum" were it not, because this is always with the kinetic energy of the body is connected, and plugged in the Aetheric field. If it were possible through the exploration of the aether field of the moving body a possibility to create, this turn off or neutralize, such as, for example, car accidents of the past!

Because only the unleashed forces of inertia are the cause of this and many other destruction effects. Cars and planes could then without damage to jerk the direction of travel, change, braking and acceleration would be only laughed at props from "grandpa's times".

The enumeration of such visions of the future, however, serve only for Illustration and the deepening of the above.

The Well-being of humanity would be served safely in any way, rather hurt. Because the inertia effects are very closely with the main effects related to.

The unraveling of gravity, but it would mean that the person would conquer the spaces of the height and occupy. In the language of the ancient times would be the expression of the storming of the sky the same. The age-old idea full of fairy tales tell of the devastating consequences of such companies in the humanity, for the earth demonstrated destruction of the people, even the cosmos don't stop.

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71

## **Gravity and Gravitation**

In the Following, the above-mentioned property of the body, the "to be treated Serious" now. This is but a special case of a General cosmic phenomenon, the so-called gravity. It is the recognition Isaac Newton, that all masses attract each other was. The magnitude of this gravitational force depends on the size of the two masses and their mutual distance. The larger the mass and the smaller the distance, the

greater the attraction. So take two 1 Kg pieces in a distance of 1 m with a tiny, but measurable force.

The sun pulls the planet in, and acts on the railway, the planets attract each other, the moon pulls the space ships and allowed the astronauts, like the earth, upright to go. The water, mountains in the tidal movement are piled up by the gravitational forces of the sun and the moon.

On the other hand, the orbits of the sun and the moon due to the gravitational force between the shell of the earth and of celestial bodies are determined.

The gravitational effect is quite General, and in the whole cosmos, a valid interaction between all masses.

The crucial question now is whether the cause of gravity in the bulk or in the surrounding Ether are looking for. Also here, as is not otherwise to be expected, the opinions of experts are divided. After the inner world the theory is already clear from the outset that the effects of gravity and gravity is an interaction between the Ether and matter is based on.

Since the direction of the force of gravity radially from the world centre for the shell of the earth shows, one thinks immediately of an emitted by the repulsive force. That this is only correct to a certain extent can be seen in the fact, that this force, with convergence towards the center of the larger one would have.

The exact opposite is the case. The force of gravity is smaller, the further you are from the shell of the earth away. You know that for a long time and it can easily measure.

On the mountains, the force of gravity is lower than at sea level. I would

also be

walking on the surface of the moon and the surface of the earth by two different types of forces, a force of attraction by the moon, and a pressing force by the earth.

This appears to be unsatisfactory and unlikely. Much more consistent and convincing is the Problem solved if one

assumes that from the center to all directions in an aether vibration is sent out. Radiation sources of this

"gravitational vibration" are perhaps the stars and other visible or invisible objects of

a fixed star ball.

Maybe the radiation source is located in the interior of the fixed star ball and passes through the solid shell to the outside. In

any case, the energy of the source is extremely large, it puts the entire cosmic aether sea in

vibration. This is not the space within the shell of the earth, but goes far above

and beyond.

The gravitational vibration spreads far beyond the shell of the earth and beyond. The vibration is so very penetrating.

Their spread is not obstructed by matter greatly, but to a certain degree. This

penetration has a small oscillation frequencies. The period of oscillation would be so very large.

Each of gravitational radiation source on the fixed star ball sends such a radiation tufts, as in figure 26 to

see. In what way is this vibration from spreading now? Certainly not in a straight line, because the straightforwardness of this

world alien. The simplest and most plausible acceptance would be a light vibration of the corresponding course, as

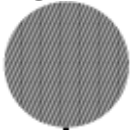
he is of the curved space metric and outlining.

The ray of light vibration, the beam of gravity, vibration, and the path of the force-free body would be

identical.

From each of the radiation source on the fixed star ball is a bundle of rays from then, the tuft of fans out like a as in

**Fig. 26**



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72

Figure 26. The whole of the gravitational radiation field is the Superposition of very many, such a single tuft. There are so many single tuft, as it sources of radiation on the fixed star ball is Sure is that a tremendous number, comparable with the number of the fixed stars. Might the stars are even, this type of radiation sources. If our basic assumptions. What are the conclusions arise from this? Each of gravitational radiation source on the fixed star ball sends such a bundle of Rays from. First of all, now leads this Superposition of very many Rays to every point in space outside of the fixed star ball was flooded by a dense network of beams evenly from all directions.

This is shown in figure 27. In the case of

**P**

should be a piece of matter.

It will be made from all sides of gravitational radiation. Of the immense, seemingly infinite amount of radiation, which

, in reality, the fixed star ball out, are only a very few-drawn, and it is such that the matter piece of

meet. The passers-by for our Consideration of no importance (from any source of radiation is

, of course, not only a single beam, but a beam, as shown in Fig.29 for an 8 -

subscribed sources indicated).

Gravitational radiation

The gravitational field line

Q

P

Fixed star ball

Radiation source

**Fig. 27 The General Gravitation as an effect of a fixed star ball emitted gravitational vibration ,the material bodies weak is absorbed.**

The radiation is now weakened when passing through the matter piece, according to our hypothesis, a little bit. It is, therefore, any interaction between the radiation and the matter through which the radiation energy is removed. It will be absorbed radiation. However, this means that each ray of the body, this is a certain amount of force.

The left beam, for example, pushes the body to the right of the diagonal upcoming pushes him obliquely above. But equally from all directions radiation arrive, the resulting force on the body equal to

Zero. Any beam, a beam, which is incident from the opposite direction. The two corresponding force effects are thus exactly the opposite and cancel each other out on. I.e., but, although the entire space pulsates from gravitational vibrations from all directions, acting on a material body somewhere in the (otherwise matter-free space) no power. The body remains at rest (or moving on a track according to the law of Inertia), it floats forces freely in the room.

This situation is in the case of changes, however, when in the vicinity of this body a second matter the piece, e.g.

**Q**

in figure 27. Also, this is taken from all sides of Gravitational radiation and through. The radiation when passing through this Matter a little weakened.

There is now a beam, the first of the body

**Q**

by sets, then weakened to the body

**P**

hits. For this

The body is now no radiation - bez. Power balance and more. The body

**Q**

throws a kind of "gravity's shadow".

In the direction of this "shadow C, the body is now in

**P**

of the rest of the radiation is pressed. He learns so

Force in the direction of the body

**Q**

to. Conversely, for the body would

**Q**

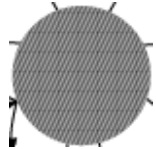
alone (if the body

**P**

would not be there) radiation, respectively. Balance of power there. The body is but

**P**

since, this raises



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73

a "shadow", in which the direction of the body

**Q**

is pressed, because for him, in this case, no radiation balance.

In short, the two body pursuit under a certain amount of force on each other (in figure 27, through the thick arrows on the bodies indicated.)

This effect is known as gravitational force. It is, in fact, exist and can be used with sensitive

rotary scales are measured. In General, it is the gravitational attraction between bodies.

But as long as no causal interpretation of the phenomenon exists, it can be spoken with the same law of pressure.

After this attempt at an explanation would be so, the gravitational force is a compressive force, the cause of the differences in the interaction of the matter with which the whole universe fulfilling, of the fixed star ball emitted gravitational vibration. The intensity

of this interaction depends on the type of material of the respective body. You can, for example, is small in the case of wood and aluminum, such as

large iron, brass, copper, and very large in the case of lead, Gold, and Iridium. It is said that the body of such materials have different density.

Also, of course, the amount of material a role of a body, and ultimately, the number of the

atoms of which it is composed. Decisive for the interaction of the gravitational radiation with a body,

or, in other words, its ability to gravitational radiation to absorb, so the number and type of the him building atoms.

These two factors determine the so-called "mass" of the body. For the gravitational interaction between

two bodies, then: it is greater, the greater the masses of the two bodies, and the smaller their mutual

distance. Because of the "Shadow" of the two bodies on each other is so intense, the greater the mass-specific

absorption of Radiation is and the closer you are to each other are.

The exact connection between the force of gravity, the heavy masses of the two bodies and their distance from

each other describes, in mathematical Form, the famous Newton's law of gravitation, which is also in the inner world of theory

to its full validity of reserves.

Now, you just need pointed out that the force of gravity is not in a straight line but along a

curved line, as shown in figure 27. If the two bodies in



**P**

and

**Q**

free space move

could, would you on of the dashed trajectory on each other to move. They call this curve a

gravitational field line. This is according to the spatial metric of the inner world of the theory of curved, just like the beam of light or the path of the force-free body.

### **These previously described 3-times the identity is the important basis of the inner world of theory**

Under one of the two bodies, one can imagine, for example, the moon. This has a huge mass and absorbed so much of gravitational radiation. Another body, such as a space ship, it is, therefore, a very strong gravitational force for the moon go down. The ship rushes at great speed on the moon, while the moon due to its large mass is at rest (in theory move the moon a little on the spaceship).

Is the ship in a timely manner so that the course of the moon over aim, so pivots on a circular or elliptical orbit around the moon. There is a centrifugal force, the gravitational force keeps the balance: the space ship crashes then not, it is up to the satellite of the moon become. Many of the planet's natural satellites, their moons, orbiting. Mars, for example 2, Jupiter of at least 12, Saturn, 9 and also by a Ring of dust-like matter.

The sun is such a Central body which is orbited. The mechanism of the planet in its orbit is exactly the same. The very large mass of the sun alone would cause all planets under the action of the gravitational force on the sun it would. Only the self-motion of the planets

in the aether sea prevents this, as the resulting inertia forces of the gravitational force. (The centrifugal force is nothing other than a particular manifestation of the force of inertia).

The orbits of moons and satellites around the planet are a reflection of the interplay of two forces: the force of inertia and the gravitational force. The cohesion and the dynamics of the whole material universe is based on the interplay of these two "forces of the cosmos".

The adoption of a gravitational vibration in the aether sea, gives us now the opportunity, the force of gravity and the

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74

To explain the cohesion of the shell of the earth.

Take, for once, the universe was in the state before the emergence and the whole of the infinite space consists of

the aether sea, in the uniformly distributed in a chaotic state, the matter will float. Still exists no

gravitational vibration and not a shell of the earth. Somewhere in the midst of this chaotic, matter-filled space of the desert is now

a center of the aether sea in vibration is. We ask ourselves the question: what would

happen as soon as this gravitational vibration "on" is? Answer: the chunks of Matter (liquids and

gases) would, from the moment in motion. They would be each other the latter, driven by the now

suddenly becoming effective gravitational force between all particles.

More and more matter would bales together.

Always greater than the masses and becoming stronger the gravitational forces would be.

For the matter, but before the Onset of the vibration to the vibration center around evenly distributed was, is

also the agglomeration is now evenly, i.e. ball is symmetrical around its center. The pre-chaotically distributed

matter would go to a spherical shell around the center around growing together. The shell of the earth would have been created! As a stable, a brick-built vault, would you be the center enclosed, as it were, as a protective, indestructible case. The amazing consistency of the presentation of the matter in the cosmos with the ancient myths, and, for example, in the Bible, illustrated account of creation is hardly to be overlooked.

The "strength" corresponds to the oscillation of the center. The "divorce" of the water ring of the solid corresponds to the formation of the shell of the earth from the chaotic primal elements. Embodies this from the ancient Egyptian culture is transmitted representation is really only the primitive notion of a "half-sleep, then dawning of humanity," or that their knowledge of roots is not perhaps much deeper than our modern science to ancestors do?

This shell of the earth is a very stable structure. You get some idea of this,

if you put them in thoughts in many separate parts dissolves.

(Figure 28). What would happen?

Would the cohesion be destroyed, and it would all now in break? No, because as long as the aether sea swings, the pieces under the influence of gravitational forces on each other tumble and

all the gaps would close immediately. So is the existence of the shell of the earth

from the basic physical principles of the material cosmos is secured, you can according to these principles, neither breakup still collapse. It is, as in ancient times in the books of wisdom in the Bible written "firmly established".

But would the gravitational oscillation stop, so would be the immediate consequence of that, the cohesion, the gravitational force between

the individual blocks would disappear and everything is in chaos dissolved. After this, the given representation, it is logical, even the force

of gravity as a special case of the General gravity between all masses to recognize.

An Apple, for example, of a tree depends on, has a certain mass and is against the very large mass of the shell of the earth under him, pressed, i.e., it crashes at the next opportunity on the shell of the earth to. It looks as if he's attracted to her dignity. Therefore, one also speaks of gravity. Better would be according to our expectations, the name Erdandruckkraft. Figure 30 shows in detail, how it arises from the gravitational vibration. Close to the shell of the earth, in

**P**

, to be a body. Are drawn 8 gravitational radiation, the meeting of the body. Some reach out to him freely in a direct way, namely, the rays of 1, 2, 7, and 8. The beams 3, 4, 5, 6, however, penetrate on your path twice the shell of the earth, and be weakened. You can, therefore, coming from below, the force of the 4 coming from above, unattenuated radiation, does not compensate. It remains a resultant force that the body perpendicular to the shell of the earth presses down, the force of gravity. ( in figure 30 through the vertical arrow

**S**

marked)

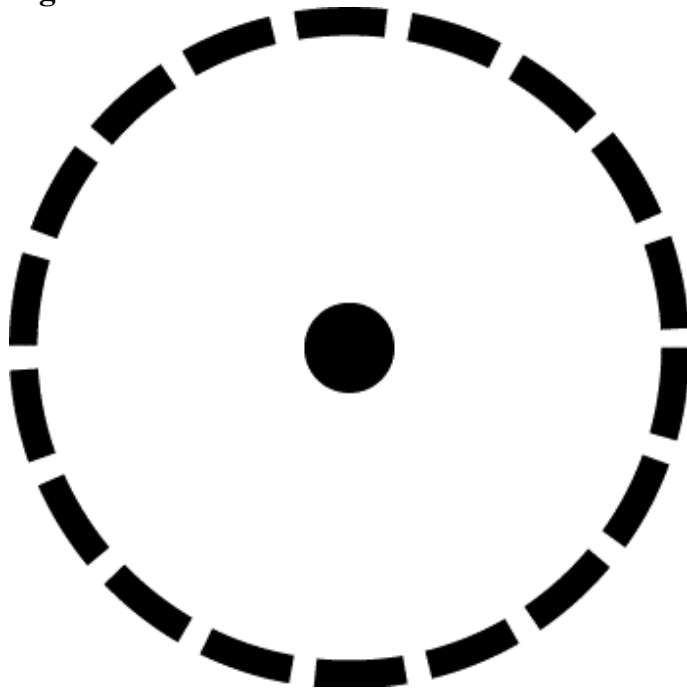
In front of a misunderstanding, be warned at this point. The force of gravity as a pressure force to consider and everywhere perpendicular to the surface of the earth, so the radial from the center facing away. The gravitational field of the shell of the earth has radial structure.

It may, however, not the wrong conclusion can be drawn that the generating radiation in the radial and in a straight line from the center to the outside runs, because, otherwise, would the shell of the earth the force of gravity immediately exploded, and the fragments

would like the shards of a shattered grenade to the outside to fly. The cohesion and the stability of the shell of the earth is rather a consequence of the curved propagation of gravitational radiation, such as through the curved space metric is.

A force of gravity as a pressure force is present at all, is based on the partial shielding ways of

**Fig. 28**



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75

Gravitational radiation by the shell of the earth, the radial structure of the earth's gravity field based on the spherically symmetric structure of the universe, including the shell of the earth.

Now, you just need the question to be answered is whether, according to the developed idea of the

force of gravity with increasing height above the shell of the earth decreases. That this is in fact

the case, is known, as already mentioned, it was. The answer is shown in Fig.30, compared

to figure 29 illustrates. Every body in the room is out of a certain solid angle range of non guardian of the gravitational radiation from the

rest of the area

of the shell of the earth weakened radiation, met. This area is in the two illustrations tinted shown. For the size of the resulting force of gravity is the

ratio of these two spatial ranges of the angle measure of giving.

Compare the detail sketches of figure 29 and 30, in which the immediate environment of the body is shown.

The smaller the area of the weakened radiation is, the more fully compensate for

all the force effects from the different directions, the smaller is the

The force of gravity, The two figures clearly show that this is the tinted area with increasing height is small.

It follows that the force of gravity with increasing altitude decreases. In very high altitude, near the fixed star ball, is

the tinted area is tiny. The gravitational radiation

is then practically from all sides the same one, the

individual forces to lift themselves completely to each other, the resultant force of gravity is at this height

vanishingly small or practically equal to Zero. Directly to the

surface of the earth is the tinted area of the same size as the

non-tinted. This is the largest possible value, The

force of gravity has its maximum value.

It is also interesting to assess the

appropriate Considerations wins, that in Penetrating

the shell of the earth the force of gravity again, must decrease. That

this is indeed the case is demonstrated by measurements of gravity in

deep mine shafts. Thus, therefore, theory and

reality in full Compliance.

More: Outside the shell of the earth may no

more gravity, because there have all

Gravitational radiation that a body meet, the shell of the earth exactly

once, so they are all approximately the same

weakened. The individual power effects cancel, therefore, again to a large extent.

P

S

**Fig. 29 The force of gravity as a Special case of the General Gravity.**

P

S

1

2

3

4

5

6

7

8

**Fig. 30 For the height dependence of the force of gravity**

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76

This situation is shown in figure 31, the force of gravity is so through the shell of the earth shielded from the outside, although the gravitational radiation penetrates. It would be conceivable that the moon, the sun and the planet, Yes, the hollow body are, in the interior of a private gravitational field have the outside but not in appearance, because it is through the shell of the celestial body is shielded. In the interior of the heavenly bodies would then be similar conditions prevail, such as on the inner surface of the shell of the earth.

So for example, there upright Go is possible (of course, this is only speculation).

All of these so far, statements made are merely the logical conclusions of the input hypothesis, a Gravitational wave with certain physical properties. Here is some reservations, log on to: "How can you understanding for the construction of the universe, with all its complicated force and motion mechanisms on a hypothesis, and why? Stands and falls with the accuracy or the wrong approach?"

This objection is correct. It is but once to bear in mind that all of the science in today understood sense of this path. It began with Copernicus. His working hypothesis was in the centre of the planetary system the sun. But he was not able to prove the correctness of his hypothesis. The logical conclusions and practical successes justified retroactively, his assumption that "proved" in the strict sense is not.

On the other, is one of the fixed stars outgoing gravitational oscillation of the today's science is a familiar notion. In the physics conference in 1969 in Salzburg has been shown that the gravitational today more than ever a matter of scientific interest.

Use is made of coercion, especially of gravity Experiment of American Professors Jo Weber to grips with the gravity and the associated ideas. The FAZ of 8.10.1969 reported: "The gravitational experiment by Professor Jo Weber is the first experimental evidence for gravitational interactions, which, until recently, virtually unprovable held, because they are so weak. Been almost exactly 10 years ago, attracted Weber, in the United States at the University of Maryland works, in professional circles quite a stir with an award-winning theoretical work. In it he showed that it is possible in principle should be, a detector to build, the force of gravity waves in resonant vibration is enabled. Meanwhile, Weber has such detectors to be built and, in fact, they seem to react".

The origin of the vibration patting however, even in the dark. Attention is directed especially to the fixed stars, and fixed star systems, but today's astronomy of these areas of space, in comparison to the inner world of the theory of law grotesque ideas, the correct understanding for the solution of the problem is still far away. Ideas about collapsing star systems in unimaginably large



distances, quasars, and pulsars  
dominate the discussion.

**The genuine scientist is well aware that a true understanding of  
people can't be forced.**

In summary, we can say: Both the appearance of the inertia of matter as  
well as the gravity is a visible  
expression of an interaction between matter and Ether. Neither inertia nor  
the gravitational properties of  
matter alone, as many of today's science is presented.

The dynamic and static cohesion of the material cosmos is created by the  
interaction of inertial and  
gravitational forces. The cause of gravity can be explained by an etheric  
vibration of the

fixed star ball is sent out, and the in accordance with the spatial metric of  
the inner world of theory on curved tracks is spreading.

This idea is only to the inner world theory is possible, since the  
Copernican theory is not a world centre as a source  
of aether vibration knows. The inner world of theory leads to new and  
surprising aspects with respect to the until  
today, the unsolved mystery of Gravitation and inertia of matter.

**THE NEWTON'S 'CHE CELESTIAL MECHANICS IN THE INNER  
WORLD THEORY, THE ORBITS OF MOONS AND  
SATELLITES.**

Before the Start of the first Russian satellite, Sputnik 1 in 1958, it was  
predicted that the attempt of a

**P**

**Fig. 31**

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77

to bring artificial satellite in earth orbit, false will fail if the inner world  
theory is a reality.

Because, it was argued, the centrifugal force will the satellite to crash to  
the hollow round corrugated

shell of the earth will bring. The satellites were placed on the circular path  
and circled for weeks, months and years! Would

this Predictor physicists have been and had the celestial mechanics of Newton's studied, so they would have to recognize that the flight of the satellite is no evidence against the theory, and no evidence for the correctness of the Copernican system can be.

The possibility of artificial earth satellites in the orbit of the earth is of the mathematical foundations of the inner world-theory of course, from the foundations of the Copernican theory from.

This, in the case of the Erdhohlkörpers view to, is the following

Consideration: A body without the influence of any forces (i.e., forces) in the universe moves, passes through a curved path, the curved space metric mapped (see section 2, The metric of the space).

**Such a trajectory is, as of now metric h e rail hot** (or parametric curve or a metrical line).

This is a new concept that is introduced at this point.

A metric line of force-free body is, therefore, identical with the history of a beam of light and

the gravitational field line. This is 3 times the identity of section 2, without which the theory would not be durable.

Metric lines always run to the center of the World (see figure 23). All of the forces moving the body, as well as the

light corpuscles thus move on metric tracks to the world center. Thus, a moving body such train

is leaving, it must be a force acting on it, it, so to speak, from this train pulls out. **This conclusion from the**

**preceding sections is in fact nothing else than the Galilean law of Inertia in transformed form**

(see section 1).

According to this Consideration, can the circular orbits of the moon and artificial earth satellites to a hollow circular corrugated shell of the earth to be understood.

The orbit of a satellite of earth (and the earth's moon) can be used as a permanent case of movement to the earth to be understood.

This is shown in figure 32, the orbit of an earth satellite mentally in 2 shares divided. The satellite is moving in a certain small period of time (e.g. 10 minutes) without the effect of earth's gravity, so the force on a metric track of the point

**0**

to the point

**1**

.

This car is just like a beam of light upwards curved.

Now he leads but at the same time (i.e. in the same 10 minutes) a case of movement to the earth because the gravitational force of the shell of the earth to him, attacks (see section 4).

In the same time, he is the way from point

**1**

to the point

**1'**

.

After 10 minutes, the satellite is thus, from the point

**0**

to the point

**1'**

flown, of course, in a direct way, i.e., on its circular path.

By the earth's gravitational force on the satellite from a metric train pulled out, and in its actual orbit forced.

(The distribution in the force-free Path and the drop height is, of course, only a thinking aid, as in natural science often is applied). So now the further trajectory

mentally determined to be:

The satellite "gets" forces on a metric curve 1' to 2, and at the same time, falling from

**2**

to

**2'.**

etc.

In reality, the satellite reaches the points

**1,2,3,4**

not, but it moves on a circular path through the points

**1',2',3',4'**

... and thus, its circumnavigation of the earth. The circular orbit of a satellite can, therefore, be regarded

as a Superposition of two movements: the first is an ascending movement along a metric curve to the world mid -

point (according to the curved space structure), and a permanent case of movement to the earth (in consequence of the earth's gravity).

The satellite is intended to describe an exact circle, both movements must be precisely coordinated.

Suppose the satellite is flying too slowly. Then the Falling distance in a certain time interval is greater than the Steigweg

in the same time interval. The satellite approaches the earth's surface, he drops. It is, however, his speed is too large,

exceeds the Steigweg in the considered time interval, the drop height, the satellite is rising. There is a difficulty in the

3

2

3'

4

4'

1

2'

0

1'

**Fig. 32**

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78

Space travel technology, to bring a satellite in a certain amount to this critical speed. Is its

speed greater (supercritical), so it rises, it is smaller (sub-critical), so

dropping it.

The orbit of earth's moon is the same way explained. He is circling the globe, only significantly higher than an artificial satellite. Also, its orbit is determined by the curved space metric of the cosmos, and by the gravitational force of the shell of the earth, the amount of the moon's orbit is still large enough to the moon to the earth to bind. The moon moves so in the gravitational field of the earth.

The orbits of the other planets are determined by the sun. You move in the gravitational field of the sun and from the earth the gravitational field is practically not affected, as in more detail later executed. Before , however, the remarks on the example of a somewhat complicated satellite orbit depth.

Figure 33 shows the path of an "eccentric" satellite in the gravitational field of the shell of the earth. In contrast to figure 34 where the height of the shell of the earth does not change. The satellite moves in the gravitational field of the shell of the earth, whose field lines are radial to the world in mid-run (see section Heavy and gravity)

The satellite uses the force of gravity **S** of (she always acts in the direction of the gravitational field lines)

Would this force does not exist, so would the satellite along a metric car to the world mid-rise. How to change the existing power

**S**

the trajectory? To answer such a question is split in physics, the force **S** in the components in the web direction

**K**

1

and perpendicular to it

**K**

2

, the force

**K**

**2**

pulls the

satellite of the metric rail way and guides him on his true path, the force

**K**

**1**

speed it up in its orbit.

He is so fast and gains kinetic energy by the shell of the earth falls. In the bottom-most point

**U**

its speed is

critical, so that he was again on the rise.

It draws its stock of kinetic energy gradually, and is slower. In top **0** as the smallest

(sub-critical) speed. Therefore, he again begins to decrease, i.e., in the direction of the shell of the earth to fall, etc.....

It is therefore a mistake to say that satellites could to the inner world of theory are not circles, as an outward

Centrifugal force would have to bring it to crash on the shell of the earth.

Such a centrifugal force is not present at all. The orbit of a satellite of earth is a train, which is the center of the World

surrounds, so to speak, a "cosmic railway". This is quite different than, for example, a stone on a string in

a circle around pivots. This latter case of circular motion is considered under the aspect of balance

of forces. It says here that the outwardly directed centrifugal force of the stone of the inward

centripetal force of the cord keeps the balance.

In regions of space with a linear metric, the approach is very appropriate. Each of the underground laboratory is a

very small room with practically linear metric. The mathematical formulation of the laws of the Mechanics of moving

the body (dynamics) always refers to a linear space metric.

If, however, on the cosmic dimensions, seen the space metric is not linear, then commits to serious errors when the laws of Mechanics in this (linear) Form of the entire universe is expanding. The consequence of these errors are then contradictions of the above type ("centrifugal force to the shell of the earth the way"). Such contradictions disappear completely, if the laws of your application on curved areas of the Room properly transformed.

Satellite

K

1

K

2

S

Gravitational  
field lines

0

0

**Fig. 33**

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79

But there are also cosmic lanes, do not enclose the center of the World. An example is the orbit of an artificial satellite of the moon circle. As you know, the descent to the moon from a circular Parking orbit. In these orbits, the mother ship on the moon while the lunar module detached and to the moon descends. After the termination of the company rises in the lunar module in this Park, and the circular mother-ship will set you back by the astronauts docked. An artificial moon satellite is orbiting in a space nearly linear metric. Such a circular orbit around a celestial body is now in a rather small space, within which the spatial metric is almost linear (Fig.34). Here are the laws of Mechanics in the Linear Form as applicable. Therefore, it is

practical, the centrifugal force to use, bringing you the same forces as the stone on a cord in a circle swinging.

The Centrifugal Force

**Z**

is always to the outside, i.e. from the

M o n d m i t t e l p u n k t

w e g

g e r i c h t e t .

D i e

Gravitational force

**G**

from the moon to the

satellite acts, has always been to the moon's center point. The outward centrifugal force and

the inward gravitational force must

exactly be the same size, then lift you up in their effect on each other and the space ship is moving in a circular orbit around the moon.

Exactly how do you explain the orbits of natural moons around the planets. As we know, the planet

Mars two moons in their orbit, Jupiter has

at least twelve moons, and Saturn circuits

nine moons.

Moons and also dust-like matter in the Form of a ring that can be seen with a telescope. That

such circular orbits around planets exist and are stable, explains the inner world theory as to the

Copernican theory as the combined effect of centrifugal force and gravitational force.

This view and understand is important. Because of the well-known argument that artificial satellites could to the

inner world of theory are not circles, is based on the following reasoning:

Since the planet's moons, circles (this is an



indisputable fact), it must also, according to the inner world theory, a centrifugal force, and these would each of the satellites immediately crash.

This conclusion is wrong! Because you have to distinguish on the one hand, between the small circular orbits, the world center of the surround, and large circular orbits, which is the center of the World encircle. The small, circular tracks run in a relatively small space area in a linear structure. Here are the laws that apply in the usual linear Form.

Here we can speak of centrifugal forces. On the other hand, in the case of the Railways, which is the center of the World encircle, the curvature of space full effect and the laws of Mechanics are not allowed in the linear Form used to be. The centrifugal force does not occur here in appearance.

Z

**Fig. 34**

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80

## **Planetary orbits**

### **The planetary system in Copernican view**

In the Copernican view that the sun is a Central body, the orbit of the satellite, the planet.

Nearest the sun orbits of mercury, then Venus, earth (with the moon), Mars, the asteroids

(probably a destroyed Planet), Jupiter, Saturn, Uranus, Neptune, Pluto, and a suspected, but not

proven, Planet, TRANS-Pluto called. The are 11 planets, if you count the asteroids. The scheme is shown in

Fig. 35. The radii are not drawn to scale!

According to the Copernican theory that the planets are in elliptical orbits, and not circles, as shown here. The eccentricity of the ellipse is, however, in the case of all the planets except mercury is so small, so that the deviation of the orbit the eye is barely visible.

In the case of the observation of the planet falls to the following: There is a planet in the vicinity of the sun to stop, and, therefore, only in the morning or in the evening, at sunrise or sunset to see. They are the two planets mercury and Venus. In the telescope you can see from this planet phases, like the moon.

The Copernican theory referred to as the "inner planets", because they are within the earth's orbit that the sun is running circles.

The rest of the planet are getting to see at any point of the night sky along the Ecliptic. In the Copernican System circles outside the earth's orbit and are therefore "outer planets" are called. They show no stages, i.e., in the telescope, they appear always as a fully illuminated disc.

Gravitational  
field lines  
the  
Earth  
Gravitational  
field lines  
the  
Sun

**Fig. 35 The planetary system in the Copernican view of the world.**

The planets are so far away that practically the same page, you the sun turn to, even from earth, born is. The explanation of the inner world theory for the phase behavior of the planet will follow later. It is just as easy and obvious as the Copernican explanation.

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81

## **The Curved space metric of the inner world II**

The planets mercury, Venus, Mars, Jupiter and Saturn orbit, however, is not the earth but the sun. This, in turn, leads to the System of the planets in its orbit around the earth. The planet is thus a composite

movement: the circles first, to the sun, and, secondly, with that of the earth. So the planet loop concluded. These loops are from the planet, therefore, really have to go through and are no optical phenomenon, as in the Copernican System.

The whole movement is the easiest way to clear, if in figure 35, the earth, and all the other movements to maintain. The sun's orbit in the year, the rhythm of the earth and the entire rotating planetary system. This is the Tychonische System as being identical with the Copernican System, in which only the reference point for all the movements of the sun to the earth was moved. Is it from today's point of view the nature of scientific knowledge from completely pointless to argue whether the Copernican or the Tychonische principle, the right thing is. Albert Einstein has pointed out, that is an excellent point of reference in the universe can be found, relative to which all the movements to be measured. Rather, it is solely on the relative movements of the heavenly bodies to each other at. This principle of relativity of modern natural science was found, however, by the space in a linear way of looking at and saw, by light rays and Railways forces-free body and force lines as Straight lines considered. From the curvature of space of General relativity is not the speech, because our observations relate only to the planetary system. This linear approach has been already applied, from the beginnings of Cosmology in Greek antiquity and Hipparch, Ptolemy, Copernicus, Kepler, Newton until today; for never was this "linear glasses" is stored, not even a mention of the value of the linear space metric, but set them as a matter of course at the beginning of the theory.

It is the choice of a reference point of the sun or the earth, a mere question of expediency, and so has the geocentric Tychonische System of planetary motion by the modern science, retrospectively, his full permission and justification know. <> **The inner world theory is the accurate Transformation of this**

**Tychonis Systems according to the principle of "reciprocal radii". <>**

The shell of the earth is the outer boundary, the fixed star of the world to the center of the universe as a fixed star ball. Here is heaven and earth, so the fixed sphere and the shell of the earth to a reference system.

This leads to the important question is:

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82

## **What is the expiry of the planetary motion in the inner world-System?**

To do this, consider figure 36. You can see that the sun and the moon around the earth move you to the gravitational field lines are always at right angles exceed.

In the case of the Transformation by reciprocal radii, however, remain the rights of the angle obtained. When this is taken into account, to recognize

that the sun and the moon on circular orbits (approximately) to the center of the World moving (see figure 37).

Because of you, but in the radial gravitational field of the shell of the earth move, you force also to this bound. The paths of the sun and the moon are due to the shell of the earth alone.

You can no force of attraction between the fixed sphere, and the sun and the moon, imagine! This would be a crucial mistake, and it would all previous Considerations contradict.

While also exists between the sun and the moon among a small force of attraction, because all masses attract

each other. But this force is small compared to the forces between the sun and the shell of the earth and the moon, and the shell of the earth. These latter forces are tremendous, can be seen in the flood of the tide, the flaring sun and the moon on the shell of the earth mountains. This is because, with the same force with which the shell of the earth, the sun and the moon attracts the sun and the moon, the shell of the earth, and then the slightly moving water masses of the oceans most easily respond to the flood of mountains and high jump will be.

The orbits of the other planets are now, but not from the shell of the earth, but from the sun determines what the observation is clearly teaches. Because the planets mercury and Venus always keep in the vicinity of the sun are so sun-companion, as already explained above, it was.

The other planets ' orbits from the sun determined , one must be from the fact of the Loops conclude.

These loops are created very carefully on an annual basis, so that the coupling of the planet to the sun is proven. This fact is also in tychonis Chen System, and must, therefore, also in the inner world of theory will be accepted.

Draw the gravitational field lines of the sun to the inner world of theory, as to the possible planetary orbits to determine if one assumes that the planet these field lines are always perpendicular to exceed, as shown in figure 38.

We recognize two types of Rail system.

One type includes the planets that orbit the sun, i.e. mercury and Venus. These are the Inner planets of the Copernican theory.

There you are "inside", because you are the sun the next, and this as the center circle.

Gravitational field lines  
of the sun  
to the earth  
Sun

**Fig. 36 of The planetary system in the geocentric view**

## Tycho de Brahe

Gravitational  
field lines

the

Shell of the earth

**Fig. 37 The paths of the sun and the moon are due to the radial force field, the shell of the earth is determined.**

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83

**Fig. 38 the orbits of The inner and outer planet from the point of view of the inner world of theory.**

All the planets move so that their orbits intersect the gravitational field lines of the sun is nearly vertical. The

planetary orbits by the force field of the sun is determined.

After the inner world the theory of the centre but the sky and the fixed star ball. The sun is located outside of this

centre. Therefore, the sun's companion, mercury and Venus are the inner world the theory of the outer planets. The other

type includes the planets, the celestial sphere orbiting. There are the asteroids, Mars, Jupiter, Saturn, Uranus, Neptune,

Pluto. These are Kopernika the outer to the inner world of theory,

however, the inner planets. Pluto is the innermost of this planet. He is the fixed star ball the next.

The division into inner and outer planets is, therefore, also to the inner world of theory is required, and even much more

eye-catching when you on the illustrations 35 and 38 compares. Note for the Other, the exchange of the

concepts of "interior and exterior" to the inner world of theory with the Copernican theory.

The fact that the outer planets (mercury and Venus) changing phases of the show, the inside, however, is not, according to

the inner world of theory easy to explain. Seen in figure 38, the sun emitted

rays of light, so you can see that these rays in the inner planets are always on the side impact, the

fixed star ball away is. From the shell of the earth you can see but it is

precisely this sky facing away from the side of the Planet. Therefore, sees the earthly observer-always the illuminated half of the inner planet. A "growing semi-Jupiter" z.

B. you can from the shell of the earth from never watch.

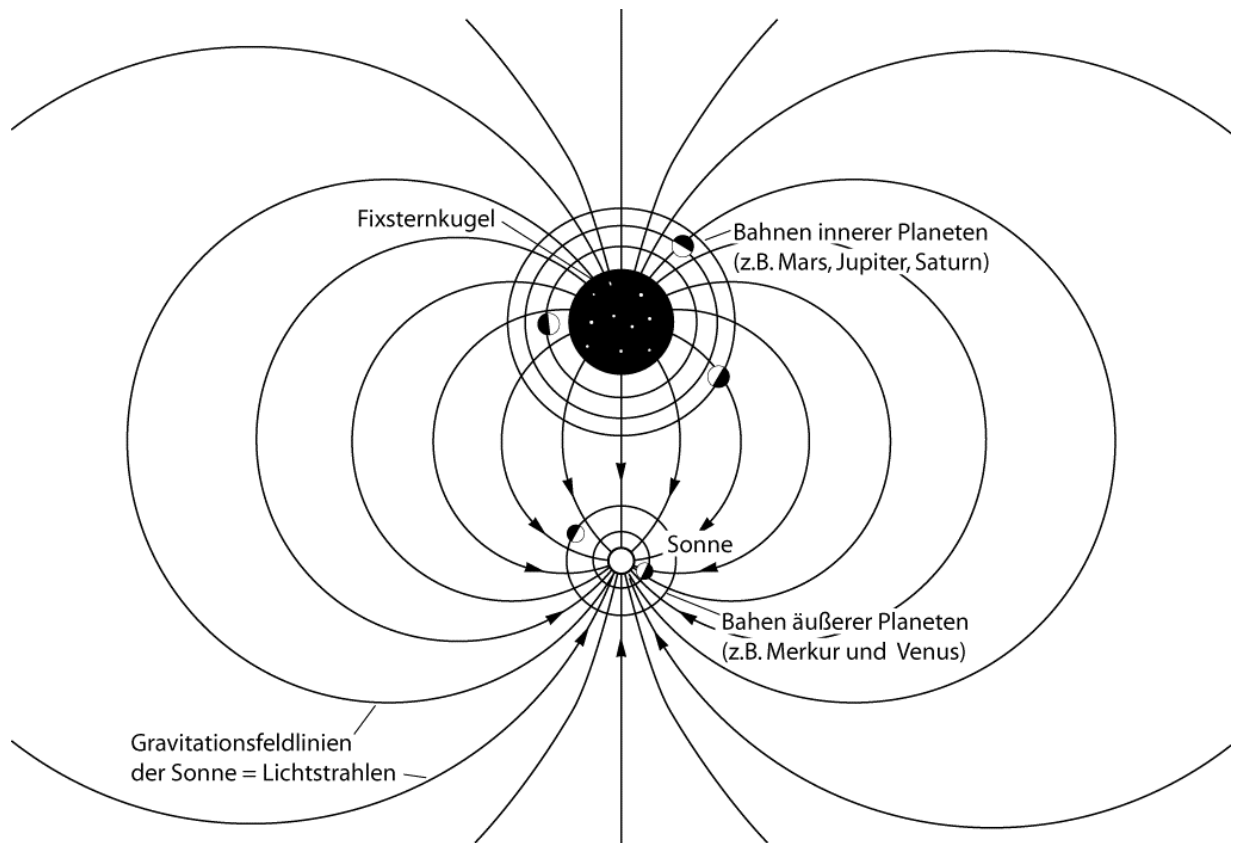
This is the explanation to the inner world - the theory that the inner planets do not show any phase.

The outer planets show phases. The explanation is easy: the outer Planet Venus, for example, can exactly between the sun and the shell of the earth are. An observer on the shell of the earth then look at the non-illuminated side of the Planet.

This is the Phase of the "New Venus". After a half-track orbit of this Planet is above the sun. Then

you look at the illuminated side of the Planet. It is "Full Venus". In-between all of the other increasing and decreasing phases. Exactly the same applies to the second outer planet mercury. This is the Declaration of the inner world, the theory that the outer planets of the phases show.

An example of the former versions, expand, and clarify the findings deepen. It shows how the Newtonian celestial mechanics in transformed form in the inner world of theory



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84

Valid

We consider the orbit of a planet in the gravitational field of the sun moves and the gravitational field lines are not perpendicular cuts (figure 39).

To him, the force acts

**K**

**s**

in the direction of the gravitational field lines. This is the attraction of the sun. Without your presence would the Planet forces on a metric track moving to the world in mid-rise.

What is the influence of the force

**K**

**s**

? To answer such a question, it is decomposed in physics

**K**



s

in components

in the web direction

**K**

b

and perpendicular to it

**K**

z

. The Force

**K**

z

pulls the planet of the metric line and draws him

his real path. The Force

**K**

b

speed it up in its orbit.

Who is versed in the art of the forces of separation, immediately

recognizes that the power

**K**

b

does not exist, if the Planet

perpendicular to the gravitational field lines, and that then the power of

**K**

z

with the attraction of

**K**

s

is identical.

Then the Planet moves at a constant speed in its orbit (there is no

acceleration, as

**K**

b

0). This case

is most of the planet. However, the orbits of the asteroids and the comets,

such that the

gravitational field lines of the sun slanting cut. Learn, therefore, a strong

accelerations or

delays in its orbit. Be accelerated on the part of its orbit, on the approach of the sun.

You will plunge, so to speak, to the sun to gain a lot of kinetic energy, "fall", but then the sun over and remove the back of her like a flung stone. On this part of its orbit are again slower, because of the sun may be delayed. The previously obtained kinetic energy aufzehend swing to the sky, until they were back on the sun to tumble.

The movement of the planets and comets, and other bodies in the universe is the result of a magnificent interplay of various forces of the aether sea, growing to the moving bodies to attack, and in Railways force. These tracks are not arbitrary, but is mapped out according to cause and effect, according to the strict laws of celestial mechanics. The Whole thing is like a cosmic game of ball.

A thrown Ball will fly by a train, according to exactly the same laws comes as the orbit of the celestial body. The metric lines are here (Straight because of its brevity). The gravitational force occurs because the shell of the earth here. A flight to the moon is, in principle, a litter. Only have been here for two gravitational fields to take into account, namely the shell of the earth and the moon. A "litter" to Venus is in four times the gravitational field of the earth, moon, sun and Venus.

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85

## **The bipolarity of the cosmos to the inner world of theory**

An important result of the inner world of the theory of the knowledge of the bipolarity of the cosmos. The space has two poles or centres (figure 38) Of a Pole is the fixed star ball with the fixed stars and the sources of the gravitational oscillation (see figure 26) This vibration is the cause of the

gravitational force between all masses.

By these forces, in turn, the planets and other be

K

b

K

g

K

z

Planet

Sun

**Fig. 39 forces in effect on a planet in the gravitational field of the sun**

Masses in space, accelerated and braked, and so, on certain tracks, the (curved) space led.

Also, the cohesion of the mass, which is the shell of the earth, and the planets are hollow shells to form by the gravitational forces ensured.

## **Control the forces of the cosmos**

Dry up the sources of gravity, so the overthrow of the planets from their orbits, the shell of the earth would be in your ingredients and dissolve the whole cosmos may fall to the'.

So can a physicist, of the inner world-the theory examines the physical effects, talk to, when he realizes that

the two poles of the fixed sphere, and the sun, which is connected through the force field, the material part of the cosmos controls and

the forces that assume and how they work. Which one of these are the cosmic power centres knows nothing, has no

starting point, these forces to explore. Of course, the Structure of the cosmos, not only materially, but as the

organic Structure so complicated and versatile as any organism, be it very small or very large.

Here are big secrets to be discovered waiting for the researchers.

One of these two poles, the fixed star ball, is the seat of the acting, tax and sustaining forces of the

whole of the internal cohesion of the matter in the cosmos emanates. Of course, the fixed star ball seat still many other

institutions and forces, also in relation to the intellectual area of the organism cosmos.

The second Pole is the sun. It is mainly light and a source of energy in the cosmos, and on the other, it forms the

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86

The centre of the planetary family. In its gravitational field, the planets move. The orbits of all the planets (including the interior.) are ruled by their mass effect.

As in the gravitational field of the shell of the earth to the celestial sphere moves, the entire planetary system on your car. This entrainment has the Loops of the planet. In the Copernican view of the world, the

planet loop, an optical phenomenon, according to the inner world of theory, however, the grinding of the planets really go through. This Bipolarity of the universe is only after the inner world theory visible. In the Copernican theory is not to recognize. (See figure 38 figure 35).

**The bipolarity has Organic and Conceptual correspondence to the philosophy and Religion.**

Here is the Mathematical and Physical Beyond the inner world of theory and the resulting

model of the cosmos. It far exceeds the limits, a predominantly mathematical-physical model of the cosmos to afford to do.

So useful for the Copernican model in many practical things to space travel also is, in

essential things, such as the philosophical questions about the meaning of life, to the sky, according to the Creator of the world, it provides for the thoughtful people no answer. It shows the sky as the absolute Emptiness and the earth as Nothing.

The inner world of theory but shows the sky as a center of the universe and the cultural Good of humanity belonging to the

major religions teach that there is the throne of the Divine is.  
The earth is a unique and significant Foundation for the preservation of the organic life.

And thus the answer to that is that is often asked is:

This new world-image of the inner world, the theory is actually necessary?

**Why is a further development of Copernicus, Kepler, Brahe, and Newton developed astronomical system was necessary.**

Is not the Copernican theory to the brazen foundations of the inner unity and parole in the practical application?

Yes, all this is indisputable. But this System has a decisive disadvantage. It is silent and completely failed at the question of the meaning of our Being and the ethical Central questions of our time.

Therefore, it is not more and not less, than what it should be, from the beginning, and was:

**An excellent model of computation.**

The organic reality, however, is different! In order to recognize it, you need to the linear, mathematical Thinking point of view, with the help of new findings, an extended mathematical-physical Thinking, with the help of the curved space metric of the research results to develop.

This step leads to the Transformation of the inner world of theory, and this theory is not, in contrast to the Copernican theory, but rather, it is the organic and logical development. It is therefore not revolutionary, but evolutionary theory. It builds on the Old, time-tested and Proven on, combines what belongs together and crosses the border to new intellectual areas of human knowledge.

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# **The loss of reality and the divine center**

A philosophical analysis, edited by Helmut Diehl

The Bible of Christianity begins with the sentence:“ in The beginning God created heaven and earth. The intellectually gifted people to know the ground and the Essentials about the body of the earth to know. But you also know that the earth , according to the tried-and-tested creation principles, have been designed, how everything God has created, namely in accordance with the principles and the Form of a biological cell?

This principle, applied to all of the design means that every Form in nature is the human being copied, in accordance with the basic pattern of the cell is: so This means: There will be a room with the help of a protective shell with at least two Openings are formed, one for the Swallowing and the other of the excretion. There is no deviation from this principle, regardless of whether it is a creature of God is a Construct of the inorganic nature , or whether there is a technical Construct a space. The so-obtained or assigned to room with organs or the purpose of the structure serving facilities equipped between the institutions or bodies, in a mediates fluid all through one circuit connects.

The protective and limiting shell with their closable Openings connecting this Structure with the outside world for the metabolism.

This is true already from the smallest individual Entity to the largest all-encompassing Entity, or creature of the cosmos.

All of the Structures of inorganic or technical nature in the interior of a circuit pulsates with energy from the outside is supplied. Only the organic Structure have been eccentric in the middle of your interior space a nucleus of this Structure as a living being shows. This nucleus controls the functions of

the Biological and controls on the internal circuits of the Survival of the organic cells formed body, all the movements, the healing processes and the Regrowth of damaged body parts and helps in the ability of reproduction. All Done, all expressions of Life of the shell and the interior are in the nucleus of the cell directed and all life-support functions of the nucleus are to the organic Happen in the interior and the shell directed.

In addition, the nucleus of the cell, through neural Connections, the internal organs of sense to the Outside of the organism to the external threats to can. A memory records the action on, and with the help of the memory of a logical, balanced, and proper behavior to the protection by means of defense or escape.

What is the smallest living creatures in this experience, proven by the Creator of the Whole, or the sustaining forces of nature, it must logically also from the Structure of the Whole, i.e., the cosmos are expected. Who's to the contrary, is against the experience of reality, and should have a very good justification for why he is the wisdom of nature prevailing Form and function differ dignity. The whole of reality to be said against it. Nevertheless, the theoretical science of this principle, and thus from the observed reality, departed.

Why did this happen?

The natural philosopher Gustav Porty (10) is in his book: The world of the law of least effort in the kingdoms of nature. Part I, pages (3-10 u 17-20) with the following information: "It is a strength and a weakness of human reason, that the immense multitude of things and events, first of all, a majority, but again on a single or as few units can and must. This procedure is necessary so that you of all of the impressions and ideas of powerful will and to your

own unit, and self-employment can claim. Because the human I immediately and always as a unit, white, so it is forced to, but also the world as a unit to understand. The soul of a higher animal is able to guess from sensual impressions ideas to make and a very limited selection to meet. The reason of the human spirit is capable of, from the related notions of terms to form, from these ideas. She is looking for all the given correlations of events as a legal according to causes and effects, to understand the reasons and consequences. All of their concepts, ideas, and laws merges the reason, in turn, to the unity of a formally harmonious and substance of the whole people satisfactory view of the world.

This, on the 'way of the ascending process, obtained the world of the human mind can picture as safe

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88

Path finder to the discovery of yet unknown areas of use. To the extent that this immense work place, in prehistoric times, as a work of the unconscious folk-spirit, receives the Individual and the precipitate is the same in the language. All words of a language are the result of more or less complex crystallization processes by which multiple standardized was. All language education can only set of beliefs to terms of progression, of which the human mind from its own power according to any one of your inherent in the law and in your dormant stem concepts complete. The same way, which of the unconscious, the spirit of a people once in the formation of the language is, the conscious mind of the Individual is always go, if he himself is a way of life and, in addition, a belief form as the acquisition and dominant as a basic motif of his whole Ministry. And it is always only a



single, unique, but not ambiguous

truths can give, it is, after all, a single, in a uniform and satisfactory belief give that out of the total material of the experience of thousands of years as a unifying shows.

All of simplifications resulting concepts, ideas, and laws together form the section of the logical and

mathematical ability. The same must be from the area of the given reality through internal and external

experience to be derived from, but then the significance of self-erlangen, because the Thinking of the reason in him as a

relatively stuff, in the end, proved to be has.

The area of the (logical) possibility can, and should, probably, from that of reality can be derived; the

reverse process, however, is inadmissible.

It is a convenience, which emerged from self-deception, the realm of the possibility of mere human

reason out of spiders to want to, and afterwards, some of the facts from the reality, as alleged proof of the material

to be used. The only thing is, by the hope of joyful Work and humble, self-denial, the rich

experience of material to collect critical to arrange and secure reason, slow to rise to a

perhaps fragmentary, but the construction and the completion of the global image.

It is a presumption by merely imaginary possibilities of the reality or even want to create.

In fact, it remains as the only worthy object of the philosophy of existence, that as far as possible and correct

the unification of the entire world of experience with a basic experience arises, which just as in nature, reality, and

necessity, as the world of the substance in yours.

But it can also be a belief built with the help of the lower capacity of the mind, and such with

the help of the higher insight of reason. In the individual as in the

development of the culture of mankind is the lower the higher progress. If that is correct, so must the two assets developed world views as to rank and value is different. And in fact, it shows the comparison of the two systems of thought (world views). The mind can only through continuous Trennung up to a final simplification reach; the reason passes through mergers to unifications. Both times finds an "A" instead; the process and the result, but behave oppositely. The mind is linked to either details of a sum of money, or he disassembled conversely, a sum of their parts. To be Perfect it has to be, the last loud like particles anzulangen, and whose sum is then conceptually the simplest unit to take. Due to ever-increasing detachment, resolutions, and dilutions he wins his logical deducted fixes. He leaves through Distinguish, he shredded everything individual, to behind and above the same, a conceptual, General, to discover; he vereinerleitet the obtained generalizations, until he finally, in the most General than in even the Simplest of arrangements. He coped with the immense multitude of things and events by their reality destroyed, a shadow image of you as the supposedly being everything Being left to keep Whether the mind at work in his simplification least for the philosophical holds, because he arrives at a Uridee, a fundamental law or of a Substance, so in the case of a One, that does not change the essence of the matter. After he was in the way of the continued Verneinens be the Last won, he's doing this at once to his Highest. From this he then again the world power of a logical-dialectical or mathematical mechanism walk out of what he previously to the last simplicity diluted had. As a fan unfold and re -

fold, so here, too, the world process; how the two halves of the major scale, of a symmetrical building, a fountain, a right and left rotating pillar in the chemical match, the ascending and the descending half of the world process. Of this muzzle ball play of the mind, with its own shadow could he quiet when he does not discuss them from the field of reality masters want.

He now claims boldly that there is certainty only in the areas of logical and mathematical possibility, while the area of reality only to the probabilities of lead. The formal correctness is more to him than the substantive content of what we are, finally, as a truth. And once the theology of the philosophy only as a tool of certain lines of Evidence use is made; how the Aesthetics until deep into the 19th century. Century, the history of art, only as a collection of examples treated, and the mathematics in the form of theoretical physics today

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89

doing so also deals with the philosophy of the pure mind, the content of the history and science only as a

Material for your unique creatures simplifications.

Now, however, is the desire of the mind to the greatest possible simplification quite the same, whether in philosophy

or theology, mathematics or natural Sciences occurs. The basic premise is that the

mind, under the name of reason and a seemingly Last wants to win, which he then backwards, in the

beginning laid. Once in the possession of the Easiest and Last, he conjures up then the whole reality of it

out. As it is, but theoretical physics is still a striking example. They have developed their laws

on the way the mathematical proof, and you can do Great things, if the

physicist in the  
find approach the right conditions it brings. Either he has the same in a  
look, Think  
to receive, such as Helmholtz, in his formula from the principle of the  
smallest Kraftmaes, or Maxwell in the basic equations  
his electromagnetic theory of Light, or Max Planck, in his Urformeln for  
the nature of space and time, of the  
mass and the temperature (1899). Or he has from the by then well-known  
reality right facts taken from  
you in the Form of a new problem. Now the physicist , as is often the  
case, different approaches  
for the same Problem; wear the wrong conditions, so also contains the  
answer you're looking for, i.e. the  
development of the equations, subject to errors and fallacies. On top of  
that is also due to the higher mathematics on  
the conditions of a purely philosophical nature, which the mind  
previously, directly or indirectly, a piece of the  
given reality is taken, and for his purposes, converted to has.  
Now it is but the science is not sharp, and often enough to be told that by  
all logical and  
mathematical conclusions to an imaginary result of the accuracy, but not  
to a pre-presentation of  
reality can reach.  
A deeper study reveals that the nature of science is full of hypotheses. The  
truly great leaders of the  
individual disciplines recognize this; only the sizes of the second and third  
rank deceive only themselves and then to  
Others, if you in the blink of an eye, the scientific truth spend what but  
just a guess  
or in the best case, a fragment of a truth. Those naturalists, in their own  
Philosophizing and the pure orphan boys are pulling in the most blatant  
against the philosophy to the field. You can not  
even logical to think properly, let alone that they are to a metaphysics  
were able to. In the last 50 years (from 1850)

has the nature of science, the Nimbus of infallibility, as well resolved as in the past, Orthodox theology, and philosophy. When it begins to allow for the growing family, then those Pöpstlein Woe! Either there is an Orthodox, divinely inspired doctrine, or there is a historical - genetic, critical, humble science.

Want the appointed representatives of the latter to change roles with the former, then it is without a doubt the Roman Catholic Church, the greatest mechanism, and their infallible Pope a hundred times preferable to the worm-eaten carnival heroes of the beloved Abstraktums "science".

Thank God! We have now, finally, the beginning of a new fact series, in which we sample more belief reasons, as the previous was. But only if we humbly of the given reality to pursue,

it appears to us in all its magnitude. It was the wrong size delusion of the mind, when once Leibniz the philosophy of mathematics and logic to dissolve wanted to know how to the philosophy in psycho-physics and let it rise to. It was a Salto mortale of the logic, if the square of the natural laws of the human mind to impose let it wanted to. It was the summit of sleight of hand, if Hegel from the alleged Urbegriff of the Be - Nothing is the same world process aufrollte, the contents of which he only reality removed had.

But not just most of the philosophers, many natural scientists in the delusions of self-conscious, that is, the realm of the logical and mathematical possibilities on the ceiling with that of the reality; that is, both parallel to each other to run or run as different mechanisms; that is, the logical and mathematical formulas, the entire contents of the reality out. Here is the shadow as identical with the light, the tool and the sketch as equal to the age of the work of art meant to be. But it must, finally, the finding in General

that the section of the logical and mathematical possibilities of a quantitative Infinite, the field of reality, but such the individual terms of certainties and unique facts, and that a single, actual given coefficients of a higher value than a kaleidoscope of mere possibilities.

If the philosophy of the ruling minds of the given reality simplify wants to to to a last one of the most common and most sparsely B e g r i f f, it should be him at liberty. If he be the Last to the First and Highest turn, the Poorest to the richest make to be able to believe, so must call him. From keep your hands off it!

This most recent Generalize and Simplify only to the extent of some value, as it indirectly proves that the person on d i e s e m a true philosophy driving can and should.

This game with shadow tempted but too easily to the delusion, as the human mind is a creative force.

This is dangerous, because the human being in relation to its own past dilutions and simplifications not a personal moral decision-making is necessary, as compared to the lively, self-conscious God.

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90

It applies to the following truth as a basic clear. All of the operations of isolating, simplistic mind under the dominion of the metaphysical Urbegriffs the quantity, and this is in reality the substantial individualities advance, on which it can be applied. Probably wins the mind, through its simplifications, in the expansion, what content is lost; but he should be nowhere to be afraid of the recognition, that the barrier-free expansion to the last, where he arrives. Here, it is indifferent whether the such the

mere General, the only possibility of Existence or the General substance. For him, are both behind the individualities of reality. It may also be the philosophy of generating the mind is at liberty to be, this ultimate of all of its negations as "the Absolute" to refer to. The Absolute, the Unlimited is, after all, only the possible extension of a Negation. It is perfectly true that the inhaltl first expansion as a mere possibility of Existence also completely unrelated to be, because each of individualization that Urbegriffes a Verendlichung, i.e. a narrowing of the most common Negation includes.

But it is not sharp enough to fire to mark the end of the enormity of the Ur-Negation in the blink of an eye to the Ur-Position, the last Possible as the primordial Real, most imperfect to the Perfect par excellence to make.

Begins and ends the world, the process with the space most of all negations, so is he just another Form of the certificate; then the behaviour of logical possibility and reality, just as rarefaction and condensation of the same Something.

Here are the individuals of the world process, sake, and this, in turn, has the purpose, by its self-dissolution at the end to prove that nothing truly exists as logically Possible. Just as in Mechanics, the potential energy can transform in current, and Vice versa; just as the whole nature of the process, finally dissolving in the General same heat or Non-heat: so get out of there in the Nothing. The concept of the Absolute has only a value if the last and Highest, at the same time as the Perfect example of a thought is.

It is a contradiction in itself, from the last empty most of negation (Un-Finite) by mere reversal of the content most want to make. If the term of the quantity of the sole, dominant Urbegriff, so the philosophy is not only to be a negative, not a positive Absolute.

This barrier-free expansion is in the metaphysics of space and time, because the room is resting on all sides, the time-moving one-sided extension. Within the matter is the world of aether within the monism of the spirit of the unconscious soul of the world. The unbridled expansion of the logical mind is the General D a s e i n s m ö g l i c h k e i t, of which all individual reality, lift you must. You will, however, from the monistic worldview to the General S u b s t a n z made and as such "absolute", i.e. unqualified to be called. Of course, this can only be "unconscious"; if it takes effect, it can only be self-object, and exists so then at the same time in two different forms of their own. It is itself a piece of (thesis, anti-thesis), if you are; it is a unity (Synthesis), if you again take back.

This so-called absolute, General, simple substance is now a Name transfer, which is the reality, is taken into account. Either it is meant to be as matter (formerly known as a fuel [mass] and Non-material, as a non-material force"; or, more recently, as the Aether, with the next compaction energy, the more compression the fuel is); or, finally, as the energy, the dilution of the Ether, the compaction of the fabric.

The other out of the experience taken from the Name is that of the spirit.“ At this point, I interrupt the philosopher Porty, because the results of the research in a positive sense obsolete, because there are now 100 years have passed since he published his book. What he particularly worked out is the relation of quantity to quality. With quantities can be mathematically relatively easy to calculate, and it is for qualities is, is the utmost of care offered; because it is different and usually higher values. Usually pushes the price to the higher value, but if it's not money, and price, as arranged then the qualities of



a? Love is not mathematically correct with the Figures to collect, she is not having money to buy, and yet it is one of the highest values. Love to feel, to give and receive to use the skills of different level. What is that skill? It does not belong in the area of the Material, but in the area of Mental, like so much of the area of the sensations, the thoughts and the intellectual process. Our experience with the "real world" shows us that the Spiritual and the Material complementary opposites are in excess of the harmony of something New cause. The philosophy of the ancient Egyptian high culture knew two Holy opposed pairs of terms as divine were considered: The spirit and the Material, the space and time, from which the creative impulse of God the Creator of the cosmos was created. See Professor Röth, (11). This cosmos is our reality, we with our intellect of the brain, the Intuition of the soul, and the us

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91

incoming administration to try to discern God's (among Christians the gift of the Holy spirit to be effective). We would fail if we don't all three gifts to use would, in our attempt at this given reality to recognize, describe and convey to.

Therefore, writes the philosopher Gustav Porty on page 17 to 20 of his book continues: "It occurs to us in the history of the human mind for thousands of years in all areas, in various forms, a common feature in the opposite. The reason is, first, only the second member of a dyad as a different Form of the first to be understood. You can not have two original, separate, substantially different limbs at the same time as (harmonizing H.D.) a unit of thinking. So must we (today's Ichmenschen)

from the world of age of I and Not-I in the higher of the I and the You, the one from the mating piece of a substance in the (harmonized) contrast of the two substances, from the (primitive) simplification (separation) for standardisation (connection) to find and out of the of the dominance of the Urbegriffes the quantity in such quantity and quality as the duality in Thinking to move on. The last binary is called God and the world, as a (harmonious), by contrast, not as a (God-separated) counterpart.

Furthermore, it is of the greatest importance that the area of the conceptual, logical and mathematical possibilities as significantly different from the area of the given reality is recognized and acknowledged.

The realm of possibility has led to a simplification of the reality of the conceivable and the richest in content uniformity. Never can something Real from something merely Imaginary, is never exhausted the Thought of the reality, can never be the reality in a mere possibility of the back can be transformed. It can only be the realm of possibility on the lowest number of ideas, laws, and principles, that of the reality as a few quantities (substances), and (meta-physical) qualities are returned. If there are two equal original substances as members of a Primordial opposition there, then, two of them corresponding to the meta-physical qualities. No created substance can be reduced, let alone be destroyed; there is no eternal truth can ever be out of scope set, no fact can be undone to be.

What we, as the range of metaphysical possibilities, we can say, is only a unification of the existing reality, a guide to eternally necessary, unchanging principles. But enough about the range of logical possibilities far beyond. The latter are quantitatively

infinite, the principles, however, are the Intermediary between God and the world. She has God and the world, bound, and he has the Urbegriffe and laws of the world process let go. This Trinity of the eternal principles in i h r e r nature as a reality, as the range of the substances in the S e i n i g e n. she Would have these, so could you not the world the process of the cosmos, the basis of, On the way to the V e r e i n f a c h u n g, we get to larger and larger uncertainty, to the way the V e r e i n h e i t l i c h u n g on to greater B e s t i m m t h e i t. As the last uncertainty of only such of the Q u a n t i t y can be, so here are the highest coefficients of such a Q u a l i t ä t. D i e Q u a n t i t ä t culminates in a Cabinet-less expansion, the quality in the closet in the most self-restraint. The former is the most negative power reduction, the latter most positive power increase.

All things that represent the countless possible Connections of quantity and quality. The specific individualized quantities are, the more you stand to the influx of qualities in the open. The whole world process has no other purpose than the one originally by God to set the ratio of the larger quantity and lower quality reverse in a such a prevailing quality in the world of mind and matter.

Up in the Smallest and Finest carried out in connection of the quantities and qualities we call an individual.

The whole of reality consists only of individuals, each of which has something Irrational. If, however, God and the world, just as individualities meant to be, because you are the last and highest of all opposites form, because it is the last possible extensive unification; then there is no common substance in reality but only in the area of concepts.

'If it's also in all of reality there are not two totally same things, or events,

then, does not lead to the simplification, but only with the unification of the goal. The simplification destroyed again and again, what with the infinite reason, imagination, thought, and with infinite Create joyfulness set has been: namely, the individualities of the universe. The unification but this up to the higher powers of your self and increases the implanted "desire to live". The mere provision of weightlessness and Cabinet homelessness ends in a all-devouring abyss, the unification lifts everything up to a more Mature and higher living. The mere simplicity of the quantity is blank, the unification of up to a purer quality is sublime. The mind will, by its simplifications least arrogant, because he alone is about the darkness of the General Absolute floats; the reason is their unifications to always be humble and hope and joyful at the same time. When we say: The philosophy is the Not-I of the mathematics, so that the greatest possible simplification; however, if we say that philosophy is the science of the total science, so is the

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92

biggest unification. When we talk about God is the Absolute, so that is the worst dilution or emptying; however, if we confess: God is love, so this is the greatest possible enrichment through unification. Now, if on the one hand, the whole universe is made up of individualities is, on the other hand, nothing is par excellence the club tent occurs; when the highest level of standardization that of the opposition between God and the world is a Supreme metaphysical principle of the reciprocity or two unity out to be. On the one hand, exist as many different people as individuals, on the other hand, exists any individuality within a dyad. In all

reality, is any individuality, yet somehow, together, because they simultaneously assert itself and other individuality indulge in need.

The only way you can be effective. Only when the totality of all the substantial individualities, what we call, something can make a difference, do they really exist.

Do not assets, but they are only the movement or activity, i.e. of the order of the effectiveness capable of.

To the world process really something causing descending, so to him all of two units, the basis of whose both members through their interaction make a difference, you can.“ So far, the natural philosopher Gustav Porty.

We return now to our finding, that the humanity of the loss of reality and the divine center

has suffered. Has become possible, it is characterized in that the change from the Geocentric view of the world with the earth in the middle, and the sky behind the stars, in front of around 500 years, was replaced. Now was considered theoretically correct in the Heliocentric view of the world that the sun is in the middle of the cosmos, stand for. You took in the beginning, the idea of the sky behind the stars, but gave up this idea from the sky at once, as a theoretical difficulties of mathematical kind occurred.

For the purposes of the Church proper philosophical interpretation of the cosmos as the heavens and the earth became of the theory in question. It started with Copernicus and Galileo, the era of Theoretical physics, with all its mistakes and Successes. A misfortune for humanity was the lack of real scientists within the Church at that time, the were capable of that reality, to defend, and not, instead, with the stake threatened and applied, but also were capable of, the Theoretical physics to understand as an attempt, the reality is to describe the means of mathematics. The equally recognized, such as the Copernicus initially could, from a mathematical model

of the cosmos to write. Also that this is the reality of the real cosmos would not endanger, if it is reality, and Theoretical physics as a harmonizing opposites understood as the part is possible. The disaster took its course, as the Theoretical physics of the part of their philosophically uneducated representative short-circuited as truth and reality, was taught. The significant sizes among the scientists made this mistake not, however, the moderates and zealots created by the amount of their number, the basis for this is that the error spread and everyone derided the correct wanted to.

As a witness, and I quote Professor Albert Einstein, who wrote the following:

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93

## **ON THE METHODOLOGY OF THE THEORETICAL PHYSICS**

### **Lecture by Professor Albert Einstein**

If your from the theoretical physicists, some want to learn about the methods used, so I suggest to you before, the principle of capture: Hearken not to your words, and keep to your deeds! Who is there, namely, invents, the appear to be the products of his imagination so necessary and natural that he does not care for the Structure of thought, but for a given realities and to be regarded wants to know.

These words seem bound to allow you to Leave this lecture Vera. As you will tell you, since

it is itself a construct, a physicist, and should, therefore, Think about the structure of theoretical science, the cognitive theorists leave.

Against such an objection can I me from a personal standpoint to defend by the assurance that I am not a private drive, but in a friendly invitation to this pulpit has risen, am that

the memory of a human  
is used, all his life for the unity of cognition ed. It objectively, like my  
Effort justified on the ground  
that it can be interesting, such as a on his science thinks of an age long  
after clarification and  
improvement in their fundamentals, with all his forces sought has. The  
way he has the past and the present  
in his area looks at, like to strongly depend on what he is from the future,  
and what he is in the present strives for;  
but this is the fate of every intensively in a world of ideas has lived. He's  
like the  
historian, but also the actual Events - though perhaps unconsciously -  
Ideal grouped in the  
respect of human society has been formed. We want to here is a glimpse  
of the development of the  
theoretical system, and our main focus is on the relationship of the  
theoretical content to the totality  
of the experience of the facts to judge. It is the eternal contrast of the two  
inseparable components of our  
knowledge, the empirical and the rational, on our territory.  
We worship in ancient Greece, the cradle of Western science. Here, for  
the first Time the  
thoughts wonder of a logical system is created, whose views on this  
subject, apart emerged that  
each of the proven records of any doubt caught up was Euclid's  
Geometry. This admirable work of the Ratio  
of the human spirit, the self-confidence for his later acts given. Who this  
plant in his youth, not to  
inspire is capable of, is not to the theoretical researcher born.  
However, in order for a reality-spanning science to be ripe, it took a  
second reason is, in regard to, up  
to Kepler and Galilei not in the public domain of the philosophers had  
become. Pure logical Thinking assets we have  
no Knowledge of the empirical world; all Knowledge of reality starts

from experience and ends in it. Purely logically derived rates are with respect to the real completely empty. Through this knowledge, and in particular by the scientific world einhämmerte, is Galilei, the father of modern physics, Yes, of modern natural science has become.

However, if experience is the beginning and the end of all our knowledge of reality is, what is then the role of the Ratio in science?

A ready-made System of theoretical physics consists of concepts, fundamental laws, which, for those concepts apply to, and by logical deduction to be derived follow-up records. These result sets are, which our individual experiences correspond to; their logical derivation of a theoretical book, almost all of the print pages.

This is actually exactly how in Euclidean Geometry, the fundamental laws there, axioms hot and there not saying that the result sets of any experiences correspond to. But if the Euclidean Geometry as the study of the possibilities of the mutual storage is practically rigid body interprets, so as a physical science, interpreted, and not from their original empirical content apart, so the logical similarity of the Geometry and theoretical physics, is a full.

We have now assigned to the Ratio, and the experience of their place in the System of theoretical physics. The Ratio gives the structure of the system; the experience content and their mutual relations to the result sets to the theory of their presentation. Of the possibility of such a presentation alone is the value of, and the permission of the whole system and, in Particular, the underlying concepts and fundamental laws. Moreover, the latter are free inventions of the human mind, which neither the nature of the human mind, nor in any



way a priori justified.

The logical not further reducible basic concepts and basic laws form the inevitable, rational, non-detectable part of the theory. Primary goal of all theory is to those basic elements irreduzibeln as simple and as few as

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94

to make it possible, without the need for the accurate representation of any experience, content. The outlined conception of the entirely fictional character of the foundations of the theory was in the 18th century. and 19. Century, yet quite not the ruling. You can, however, win more and more to the ground. the conceptual distance between the basic concepts and basic laws on the one hand, and with our experiences in relationship to the set of consequences, on the other hand, increases more and more, the more the logical construction of unified, d. h. on the less logically independent conceptual elements throughout the building to support capable of.

Newton, the first Creator of a comprehensive, powerful system of theoretical physics, still believed that the basic concepts and fundamental laws of his system from the experience of deriving were. The word "hypotheses non fingo" is probably in this sense, to interpret.

In fact, the concepts of space and time seemed nothing Problematic attachment. The concepts of mass, inertia and force and their legal context rails of the experience is directly borrowed to be. But this base once accepted, will appear in the expression for the gravitational force from the experience can be derived, and it was appropriate for the other forces expected to be,

### **The fictional character of Newton's System**

We see, however, from Newton's formulation of the concept of absolute space, the the of absolute rest in the

castle, discomfort prepared. He was aware that this latter term in the experience is nothing to correspond to the rail. He also felt a discomfort in the introduction of the remote forces. But the enormous practical success of his teaching like him, and the physicists of the 18th century. and 19. Century prevented the fictional character of the basics of his system to recognize.

The natural scientists of those times were, rather, usually from the thoughts permeated the basic concepts and basic laws of physics, not in the logical sense, free inventions of the human spirit are, but that is the same from the experiments by "abstraction" - i.e., in a logical way - derived could be. The clear realization

of the incorrectness of this view brought only the General theory of relativity; for this was that with one of the Newton's largely deviating from the Foundation to the relevant circle of experience facts even satisfy those, and more perfect manner could be, as it is with Newton's Foundation was possible.

But quite apart from the question of Superiority is the fictional character of the basics, this fully evident that two significantly different principles shown can be, the experience is largely the same. It

is thus certainly proved that any attempt of a logical derivation of the basic concepts and basic laws of

Mechanics from elementary experiences to Fail.

If it is true that the axiomatic basis of theoretical physics is not the experience opened up, but

a work of fiction must be, must we then hope to the right path to find? Even more. Exists

right way not only in our Illusion? May we hope that the experience led to be, if it

theories such as classical Mechanics, the experience is largely meet without the thing in the depths to

capture? To this I answer with all Confidence that it the right way, in my opinion, and that we need him to find assets. According to our previous experience, we are the trust entitled to, that nature is the realization of the mathematically Simplest is. By purely mathematical construction assets, according to my Conviction of those terms and the legal link between them to find the key for the Understanding of natural phenomena deliver. The useful mathematical terms through experience-near, but not from it are derived. Experience naturally remains the sole criterion of the usefulness of a mathematical construction for physics. The actually creative principle lies in mathematics. In a certain sense, I think it is so true that the mere Thinking, the Capture of the Real is possible, as the Old dreamed of.

In order to justify this trust, I need to support me necessary mathematical concepts. The physical world is represented by a four-dimensional continuum. I guess in this one of a Riemannian metric to the simplest laws of which such a metric can satisfy, so do I get to the relativistic theory of gravity of the empty room. I'm in this space a vector field, or the same to be derived anti-symmetric tensor field, and the simplest of laws, where such a field may suffice, so I come to the Maxwell's equations of the empty room.

It is to the extent that, such a theory for such a space is missing parts, in which the electric density disappears. Louis de Broglie guessed the existence of a wave field, the interpretation of certain quantum properties of matter suitable was. Dirac found in the Spinors novel field sizes, the simplest equations, the properties of the electron

is largely derive permit. I was with my associate, Dr. Walter Mayer, that these Spinors a

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95

A special case of a novel, mathematically, with the four-dimensional linked type form, which we call as "Semivektoren" referred to. The simplest of equations, which such Semivektoren may be subjected, to give a key for the understanding of the existence of two types of elementary particles of different ponderabler mass and equal but opposite charge. This Semivektoren are, according to the normal vectors of the simplest mathematical field structure in a metric continuum of four dimensions is possible, and it seems that you have casual essential characteristics of the electrical elementary particles. Essential for our consideration is that all of these formations and their legal associations in accordance with the principle of the Exploration of mathematically simplest concepts and the relationships between them can win. In the limitations of the mathematical existing simple field types, and simple equations, which is possible between them lies the hope of the theorist justified, the Real in its depth to capture. The most difficult point for such a field theory lies in the meantime, in the understanding of the atomistic structure of matter and of energy. The theory is, in fact, in its basis, therefore, is not atomistic, as you only with continuous functions of the space operates, in contrast to classical Mechanics, the most important Element, the material point, already the atomistic structure of matter meet. The modern quantum theory by the name of de Broglie, Schrödinger, Dirac-marked Form, and with continuous functions, operates, this difficulty by a bold Interpretation overcome, the first of Max Born, in a clear Form was given in the

equations occurring in room functions raise the claim on a mathematical model of the atomic

Structure to be. Those functions are only the probabilities for mathematically determine such Structures in the case of a measurement in a certain place or in a certain state of motion to be found. This view is logically

impeccable and has a significant success to show for it. She forces but unfortunately, a continuum-to-use, the

dimension number of the of the space of the previous physics (namely four), but with the number of the considered

System's constituent particles unlimited rises. I can't help but confess that I this Interpretation is only

a temporary importance. I still believe in the possibility of a model of reality, i.e., a

theory that the things themselves and not merely the probability of their occurrence is.

We thought of a full localization of the particles in a theoretical model, to give up,

seems to me, on the other hand, sure. This seems to me to be the permanent result of Heisenberg's to be uncertainty relation.

It may very well have been one, in the proper sense (not only on the basis of an Interpretation) atomistic theory without

localization of the particle in the mathematical model intended to be. For example, the atomistic nature of

electricity to meet need in the field equations only for the following consistency result. A three-dimensional

space part, at the limit, the electric density everywhere disappears, it always contains a total electric charge of

integer amount. In a continuum theory, so the atomistic character of the integral sets satisfying

Express, without localization of the atomistic structure of the constitutive Structure.

Only when such a representation of the atom would be able modernist structure, I would keep the quantum Enigma is solved.

So far from the book: Albert Einstein, My view of the world, Ullstein books no. 65, edited by Carl Seelig, page 113 – 119.

A cosmos is no longer in its Form and function, so in its reality and in its effect, and his

goal is understood, leads to disorientation, and this, in turn, is the fruit, which delivers the service to recognize.

This disorientation causes the loss of knowledge about the True, Good and Beautiful, and leads to the ethical decay.

So are the other cultures and great religions outside of the Christian culture and belief space, stunned and

terrified by the moral decline of Christianity as a "Western culture". Because to the extent that in the

Western cultures, the technology, the life conquered, sank into the ethics of the Rulers and of the people. What was once as a

Liberation of humanity from the slavery began, the right to self-determination of the people of the political Form of

democracy, degenerate, that is, usually a refined fraud system to the electorate and led to an intolerable

slavery by the tax authorities of those States that their fundamental rights, the freedom of the people so much stress.

Never before has humanity higher taxed and exploited, except in the earlier System of physical and mental slavery.

What in the functioning of Christianity, nor powers, oriented upwards, the DIVINE center, so on the

Creator-God-created reality. The other "authority", that is, those without ethics, Power over

people, based on the advantage of your organization, this is now a secret society, or be it political parties,

the systematic use of the right to self-determination and the sovereignty of the free people off.

From this Situation, there is only one salvation: the recognition of the reality and loyalty to the commandments of God, and the

related human dignity and ensuing obligations and human rights.

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96

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**Оригинал**

Es ist auch keine Sonne in der Mitte des Kosmos oder ein  
wie auch immer erdachter Spiralnebel in Milliarden  
Lichtjahren Entfernung.